CEDAR PERGOLA
Model: # 6213

- *Owner's Manual*
- *Frequently Asked Questions*
- *Assembly Instructions*
- *Warranty Information*

Manufacturer: *Backyard Discovery*
3001 North Rouse
Pittsburg, KS 66762
1-800-856-4445

Register your new swing set on-line @ www.swingsetsonline.com
(you will also find any updates on assembly instructions and information to order replacement parts)

Features the SAFE-T-FUSE Patent Pending *fastening system.*

Save this assembly manual for future reference in the event that you need to order replacement parts.

Made in China

STOP
PARE

Missing A Part?
CALL US BEFORE GOING
BACK TO THE STORE!
The store where you made your purchase
does not stock parts for this item.
If you have assembly questions or if you need parts,
whether they are missing or damaged
Call Toll-Free Help Line or visit www.swingsetsonline.com

¡LLÁMENOS ANTES DE REGRESAR A LA TIENDA!
La tienda donde realizó la compra no almacena piezas de este producto.
Si tiene preguntas sobre el ensamblaje o si necesita piezas debido a que
faltan o están dañadas
llame gratis a la línea de ayuda

1-800-765-4138

PLEASE READ THIS BEFORE STARTING ASSEMBLY
POR FAVOR LEA ESTAS INSTRUCCIONES ANTES DE COMENZAR EL ENSAMBLAJE

- READ THE ASSEMBLY MANUAL COMPLETELY, PAYING SPECIAL ATTENTION TO THE IMPORTANT TIPS AND SAFETY INFORMATION.
- AFTER YOU HAVE READ THE ASSEMBLY MANUAL, YOU WILL BE ABLE TO DECIDE IF YOU NEED PROFESSIONAL HELP TO COMPLETE THE ASSEMBLY OF THE PLAYSET.
- SEPARATE AND IDENTIFY ALL PARTS TO MAKE SURE THAT YOU HAVE ALL OF THE PARTS LISTED.
- IF YOU CAN'T FIND ALL OF THE PARTS, CHECK THE PACKING MATERIAL. SMALL PARTS MAY HAVE FALLEN INTO IT DURING SHIPMENT.
- IF YOU HAVE PROBLEMS WITH THE ASSEMBLY OR IF ANY PART IS MISSING OR DAMAGED, PLEASE CALL THE HELP LINE **1-800-765-4138** OR VISIT www.swingsetsonline.com.

- LEA EL MANUAL DE ENSAMBLAJE COMPLETAMENTE, PRESTANDO ESPECIAL ATENCIÓN A LOS CONSEJOS ÚTILES IMPORTANTES Y A LA INFORMACIÓN SOBRE SEGURIDAD.
- DESPUÉS DE QUE HAYA LEÍDO EL MANUAL DE ENSAMBLAJE, PODRÁ DECIDIR SI NECESITA AYUDA PROFESIONAL PARA EFECTUAR EL ENSAMBLAJE DE LA UNIDAD DE JUEGOS.
- SEPARE E IDENTIFIQUE TODAS LAS PIEZAS PARA COMPROBAR QUE DISPONE DE TODAS LAS PARTES INDICADAS.
- SI NO PUEDE ENCONTRAR TODAS LAS PIEZAS, REVISE EL MATERIAL DE EMPAQUE. ES POSIBLE QUE ALGUNAS PIEZAS PEQUEÑAS PUEDAN HABERSE CAÍDO ALLÍ DURANTE EL ENVÍO.
- SI TIENE PROBLEMAS CON EL ENSAMBLAJE O SI ALGUNA PIEZA FALTA O ESTÁ DAÑADA, LLAME A LA LÍNEA DE AYUDA AL **1-800-765-4138** O VISITE www.swingsetsonline.com.

PLEASE HAVE THE FOLLOWING INFORMATION WHEN YOU MAKE YOUR CALL:

1 – MODEL NUMBER OF THE PRODUCT LOCATED ON THE FRONT OF THE ASSEMBLY MANUAL
2 – DESRIPTION OF THE PART FROM THE PARTS LIST

POR FAVOR TENGA VISIBLE LA SIGUIENTE INFORMACIÓN CUANDO LLAME:

1 - NÚMERO DE MODELO DEL PRODUCTO QUE SE ENCUENTRA UBICADO AL FRENTE DEL MANUAL DE ENSAMBLAJE
2 - DESCRIPCIÓN DE LA PIEZA QUE SE ENCUENTRA EN LA LISTA DE PIEZAS

Owner's Manual Outdoor Product

Dear Customer:

Please read entire booklet completely before beginning the assembly process.

Structures are **not intended for public use. The Company does not warranty any of its residential structures subjected to commercial use such as: Recreational Park, or any similar Commercial Application.**

Please follow all recommendations below. **Failure to do so may result in the warranty being void and/or safety violations that could result in serious injury**. This manual contains helpful information concerning Assembly Preparation, Installation Procedure, and Required Maintenance. Always keep safety in mind as your structure is being built.

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. IN ORDER TO PROVIDE YOU WITH THE MOST EFFICIENT SERVICE, IT IS REQUIRED THAT YOU PROVIDE US WITH THE PART NUMBERS WHEN ORDERING PARTS.

For Your Records:

Please take time and fill out the information below. This information will be needed for warranty issues.

Where Purchased: _____
Date of Purchase: _____
Installation Date: _____
Installed by: _____

Staple Receipt Here

Sales Receipt
Store Name
Main Street
Hometown, USA
110022 BYD Playset $$$$
220011 BYD Playhouse $$
330044 BYD Garden $$$
440033 BYD Outdoor Product $$$
Total $$$$
Thank You For Shopping With Us!

Maintenance Instructions:

1. Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) It is particularly important that this procedure be followed at the beginning of each season.
2. Oil all metallic moving parts monthly during the usage period.
3. Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
4. For rusted areas on metallic members such as hinges, brackets, etc. sand and repaint, using a non lead-based paint meeting the requirements of Title 16 CRF Part 1303.
5. Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your Product with protection (sealant) after sanding will help prevent severe checking/splitting and other weather damage.
6. We have applied a waterborne translucent stain to your unit. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any "rough" spots on your set. Please note this is a requirement of your warranty.

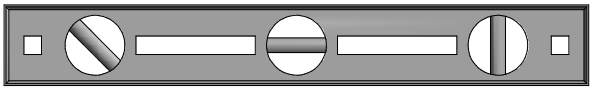
Outdoor Product Assembly Manual FAQs:

1. Is the wood treated with chemicals? Backyard Discovery uses 100% Chinese Cedar wood which is naturally bug resistant, decay and rot resistant. To help ensure your families safety, our wood is completely chemical free and we do not use pressure-treated wood. The stain we use is a top coat using a water-based product that is for appearance only.
2. How often should the product be stained? Backyard Discovery recommends the product be stained once each year. A water or oil based stain can be used at the customer's discretion.
3. Why does it seem that my product is developing cracks? Wood is a natural material; no two pieces are exactly alike. Each piece has its own characteristics and personality and reacts differently to climate changes. When any wood product is exposed to the elements, it develops "wood checks". A check is the radial separation of the wood fibers running with the grain of the wood. These are caused by the varying temperature and moisture conditions. A check is not a crack – it does not affect the strength or durability of the wood or structural integrity of the product.
4. Do Backyard Discovery products come with a warranty? Yes. All Backyard Discovery products carry a 1-year replacement warranty on all parts for manufacturer's defect. Our wood carries a 5 year warranty on rot and decay as well. Please see warranty details for more information.
5. What is the best way to get started assembling the product? Backyard Discovery recommends taking all the parts out of the boxes and arranging them by part number before you begin any assembly. This will not only allow faster assembly, but will also identify any parts that may be missing or damaged so they can be replaced before assembly. If parts are missing or need replacement, go to www.swingsetsonline.com/support.aspx and follow the prompts to order them. Next, read the assembly manual and get the tools ready for the job as recommended in the manual. If the assembly manual is lost or misplaced a new one can be printed from Backyard Discovery's website: www.swingsetsonline.com .
6. The 2"x4" boards do not measure 2"x 4". Why not? In the U.S. it's common practice to describe lumber dimensions using the rough cut sizes from the sawmill and not the finished dimensions. Retailers, home stores, etc. all use this accepted practice for describing lumber dimensions. However, Backyard Discovery products are designed and constructed using the actual dimensions so everything fits properly and remains so during the life of the product.

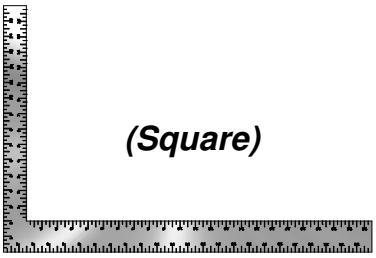
For more information and frequently asked questions, please refer to our website at www.swingsetsonline.com .

Tools Required for Installation:

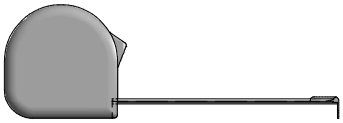
(These are the tools that are generally required for assembly of our outdoor products. These tools are not included with the outdoor product purchase.)



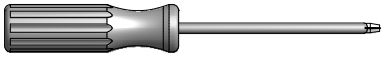
(Level 24")



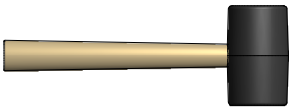
(Square)



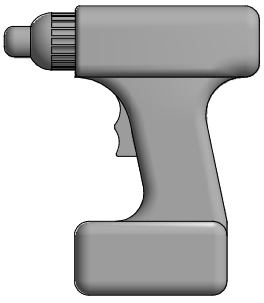
(Tape Measure)



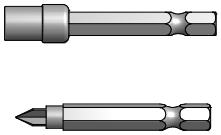
(Phillips Screw Driver)



(Rubber Mallet - Optional)

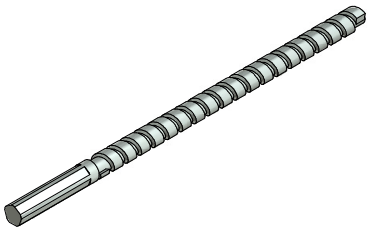


(Cordless Drill or Electric Drill)



(Drill Attachments: Phillips Head & Socket Driver)

(An Adult w/ an Adult Helper)

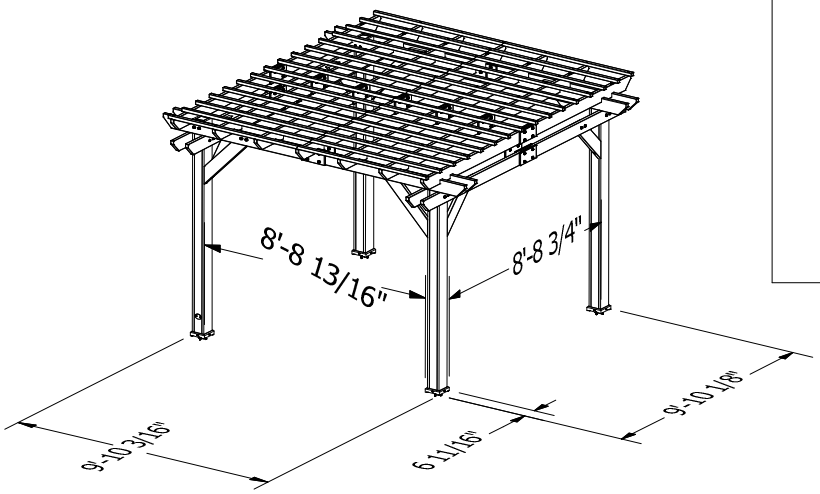


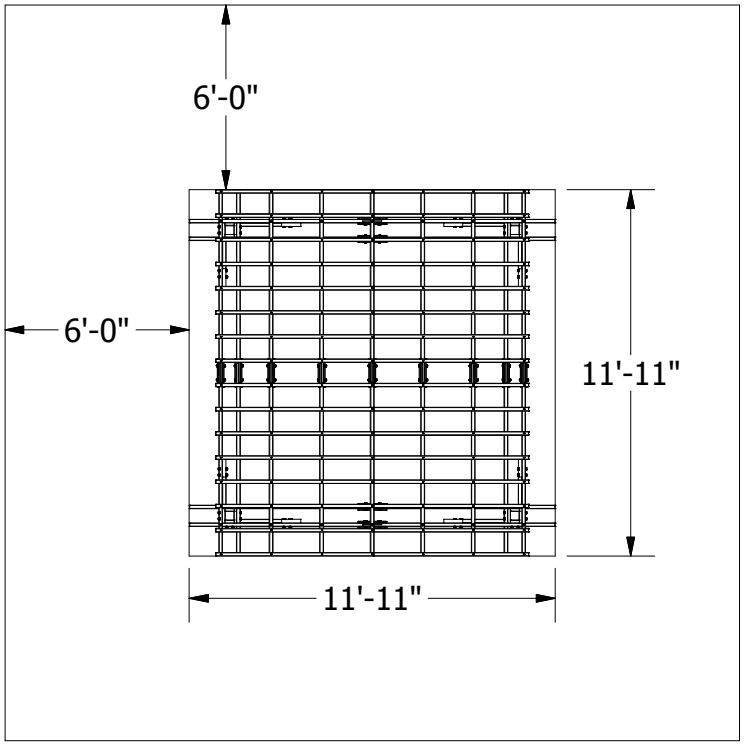
(Concrete Drill Bit)

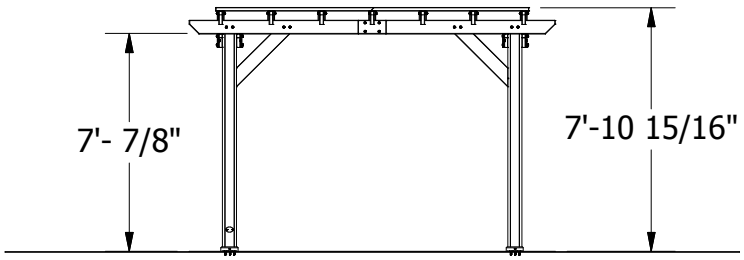
(Ladder)

Basic Setup Dimensions

Place the pergola on level ground, not less than 6 ft [2 m] from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.







Important Assembly Notes

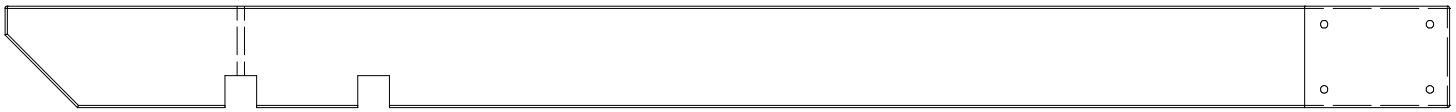
1) While assembling unit, take time before and after each phase to make sure pergola is square and level. If pergola is not square and level, assembly will be difficult and improper assembly may result. Extra care must be taken to insure the pergola is square and level.
2) Tighten bolts securely.
3) Pay close attention to the ITEMS NEEDED FOR EACH PHASE. They can be a valuable aid when sorting your wood and hardware. Assembly will be made easier if items are sorted by step.
4) Pay close attention to make sure you are using the correct hardware in the correct steps. Using incorrect hardware may result in improper assembly.
5) Read each step thoroughly. The written steps may include important information not shown in the illustrations.

Parts Identification

Wood Components

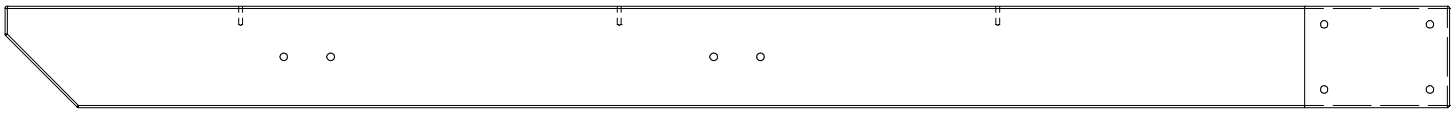
(NOT TO SCALE)

(8) ***D1 - JOIST - W102219***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)



(12) ***D2 - SLOTTED JOIST - W102218***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

(2) ***D3 - CENTER SLOTTED JOIST - W102217***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

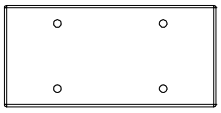


(4) ***D7 - JOIST - W103318***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

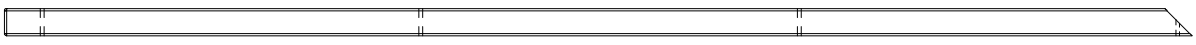
(4) ***D9 - JOIST - W103351***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

(4) ***D70 - ANGLE BRACE - W103317***
1 3/8"x5 1/4"x35 3/8" (36x134x900)

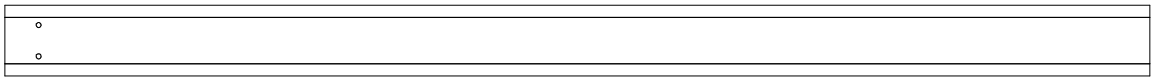
(4) ***D71 - ANGLE BRACE - W103320***
1 3/8"x5 1/4"x28" (36x134x710)



(30) ***K1 - TIE PLATE - W103359***
5/8"x5 1/4"x11" (16x134x280)



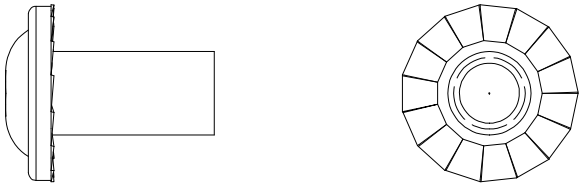
(32) ***P1 - ROOF SLAT - W102216***
1 3/8"x1 3/8"x61 7/8" (36x36x1572)



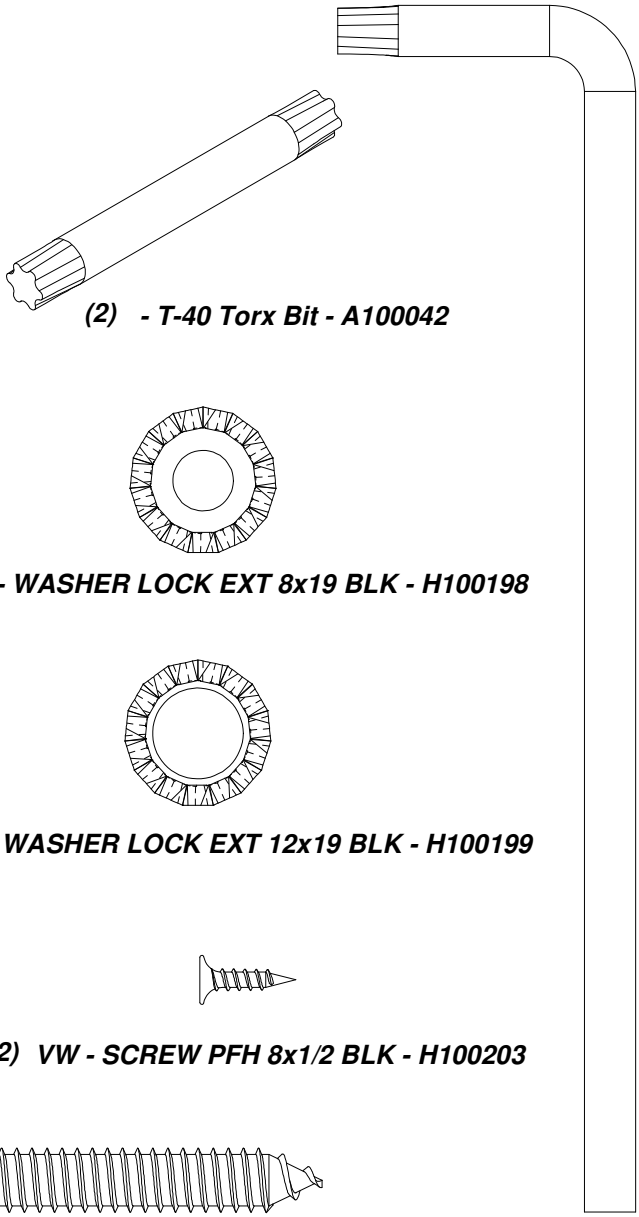
(4) ***WP1 - PERGOLA POST - W102211***
5 1/2"x5 1/2"x89 1/2" (140x140x2273)

Parts Identification

Hardware

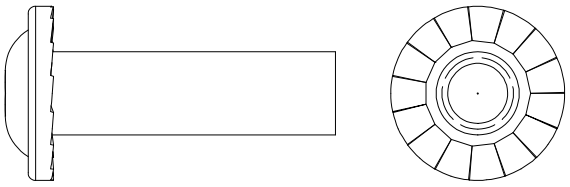


(81) VK - NUT BARREL WH 5/16x7/8 BLK - H100192



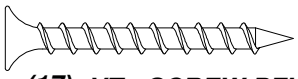
(2) - T-40 Torx Bit - A100042

(2) - T-40 Torx Wrench - A100041

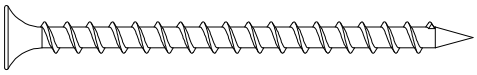


(17) VL - NUT BARREL WH 5/16x1-1/2 BLK - H100193

(124) VR - WASHER LOCK EXT 8x19 BLK - H100198

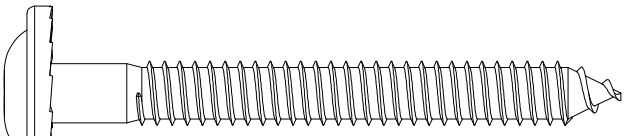


(17) VT - SCREW PFH 8x1-1/2 BLK - H100200



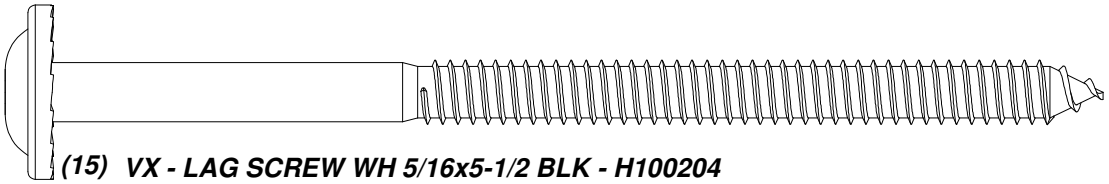
(122) VU - SCREW PFH 8x2-1/2 BLK - H100201

(101) VS - WASHER LOCK EXT 12x19 BLK - H100199

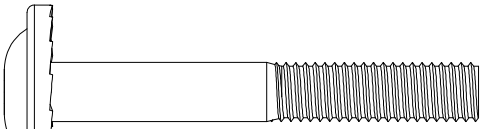


(9) VZ - LAG SCREW WH 5/16x3 BLK - H100206

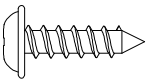
(2) VW - SCREW PFH 8x1/2 BLK - H100203



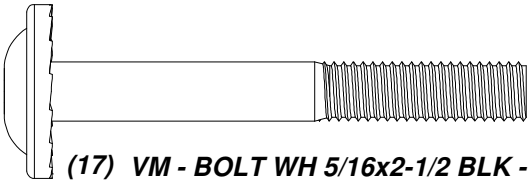
(15) VX - LAG SCREW WH 5/16x5-1/2 BLK - H100204



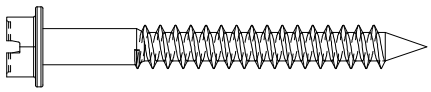
(62) VY - BOLT WH 5/16x2-1/4 BLK - H100205



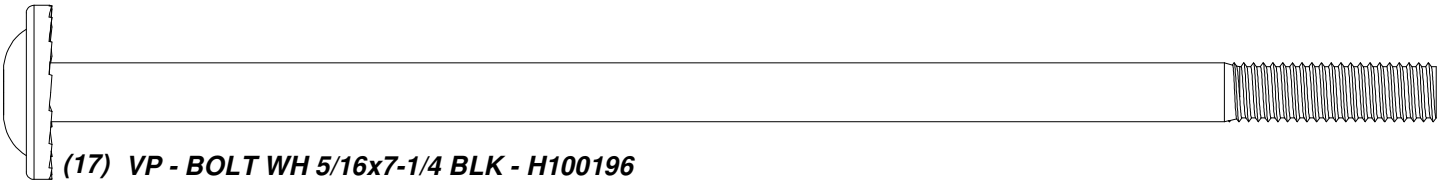
(2) VV - SCREW PWH 8x5/8 BLK - H100202



(17) VM - BOLT WH 5/16x2-1/2 BLK - H100194



(17) CQ - CONCRETE ANCHOR 3/16x2" - H100120



(17) VP - BOLT WH 5/16x7-1/4 BLK - H100196

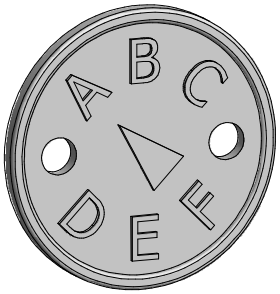
Parts Identification

Accessories

(NOT TO SCALE)

(4) HT - FOOT 142 SQUARE POST - A100029

(1) VJ - LTP ID TAG (SMALL) WITHOUT AGES - A100387



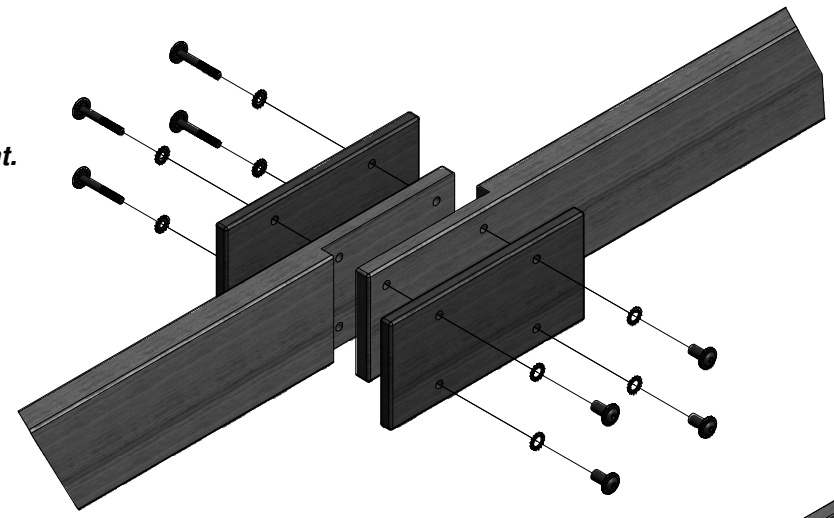
(1) SQ - "A" REVISION TAG - A100314

Pergola Assembly

IMPORTANT ASSEMBLY TIPS

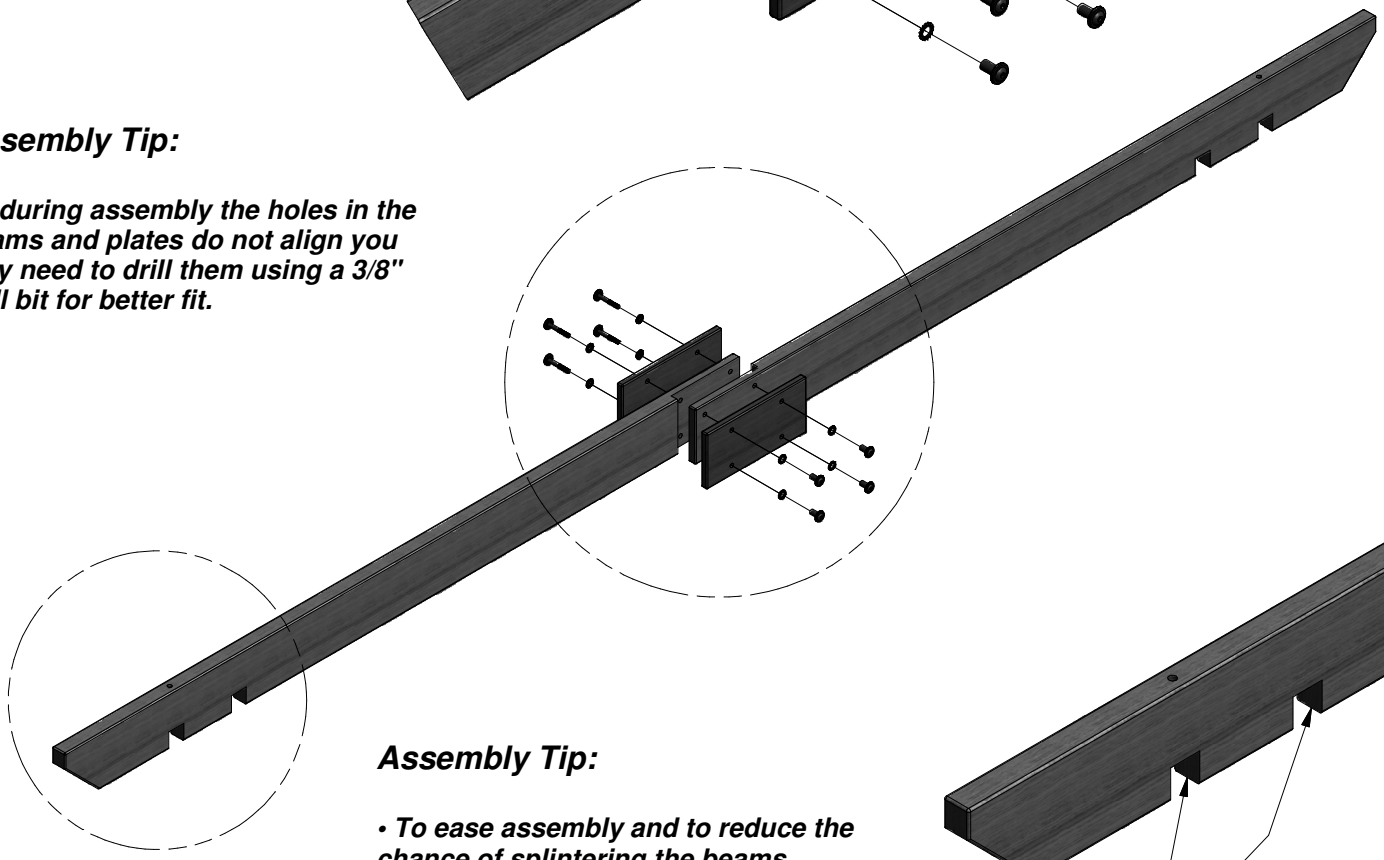
Assembly Tip:

• If during assembly of beams the threads do not engage, install the bolt without the star washer to seat. Once seated loosen, add washer, and re-tighten.



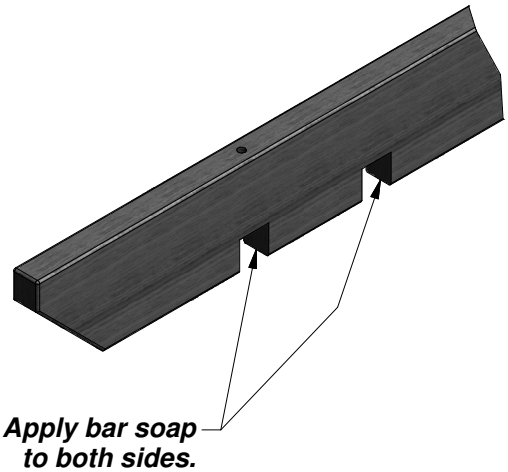
Assembly Tip:

• If during assembly the holes in the beams and plates do not align you may need to drill them using a 3/8" drill bit for better fit.



Assembly Tip:

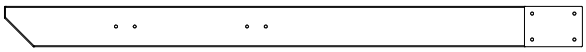
• To ease assembly and to reduce the chance of splintering the beams, lightly sand the leading edges of all the notches using sandpaper.
• To reduce friction during assembly apply bar soap to the surfaces of the notches where shown.



Additional Assembly Tips:

• If it is necessary to pound on the beams using a hammer or rubber mallet, be sure to place a scrap of lumber between the hammer and the beams. This will help to ensure the beam is not damaged.
• Lag screws may be used to pull together upper and lower beam assemblies.

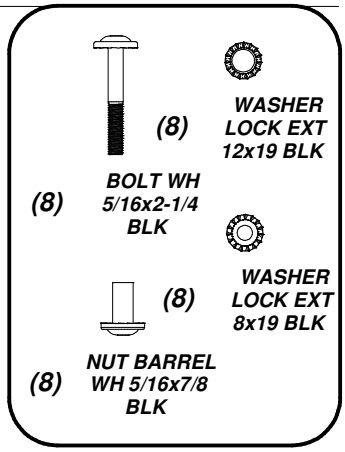
NOTE: PROPER NOTCH ALIGNMENT MUST BE MADE TO ENSURE NO DAMAGE OCCURS TO BEAMS.

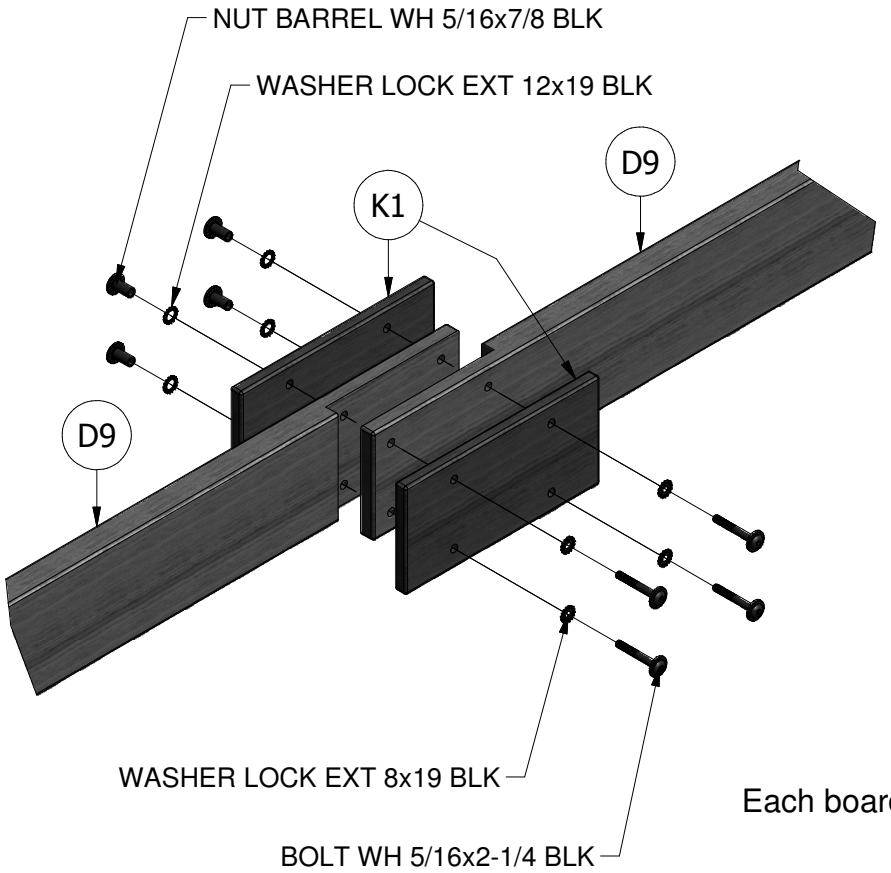


(4) ***D9 - JOIST - W103351***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

(4) ***K1 - TIE PLATE - W103359***
5/8"x5 1/4"x11" (16x134x280)

STEP 1

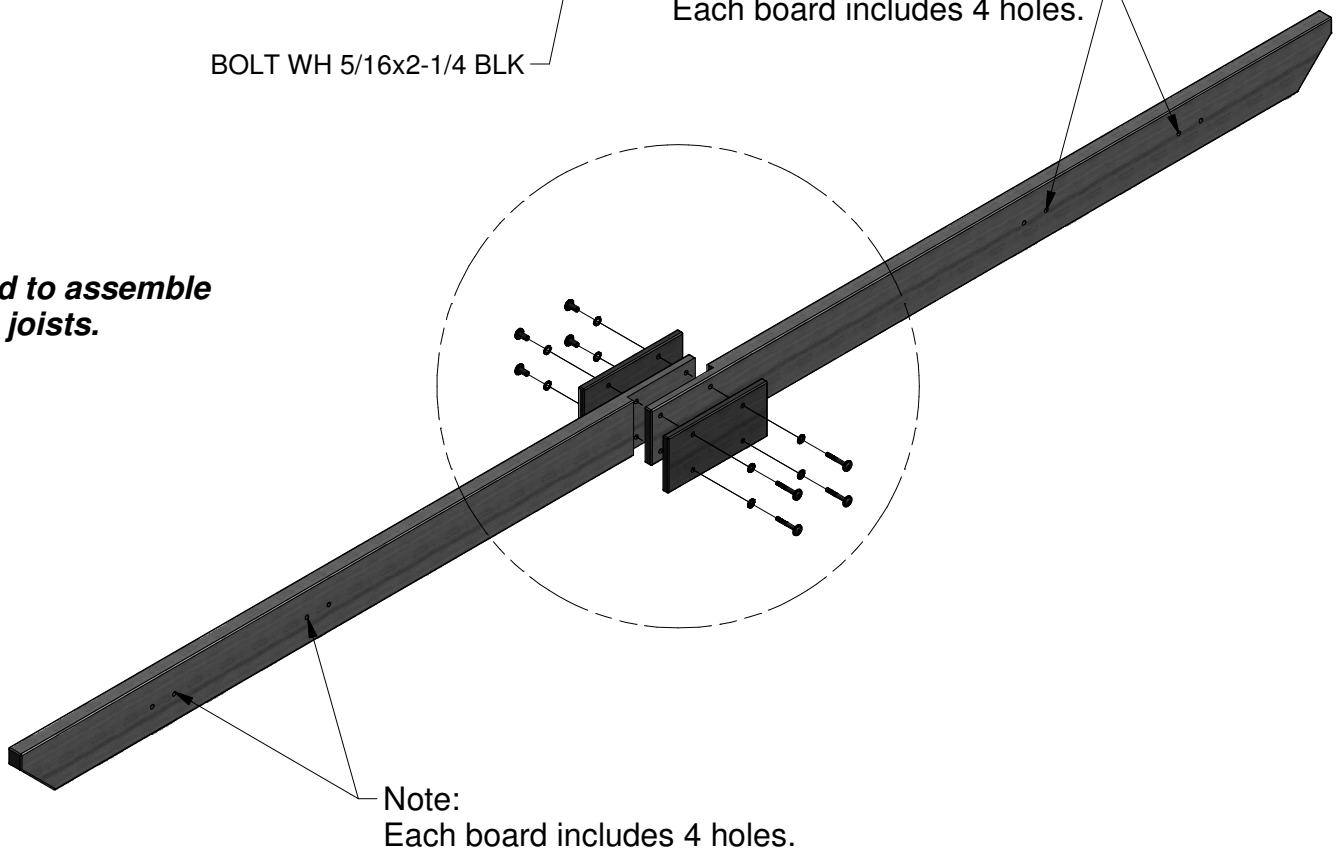




Assembly Tip:

• If during assembly the holes in the beams and plates do not align you may need to drill them using a 3/8" drill bit for better fit.

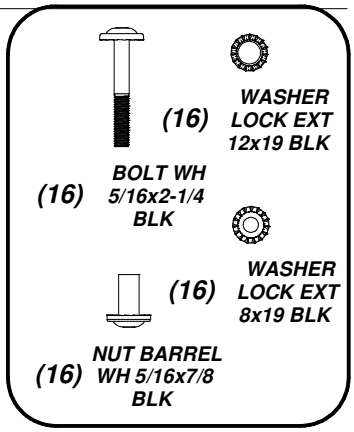
Note:
You will need to assemble two of these joists.

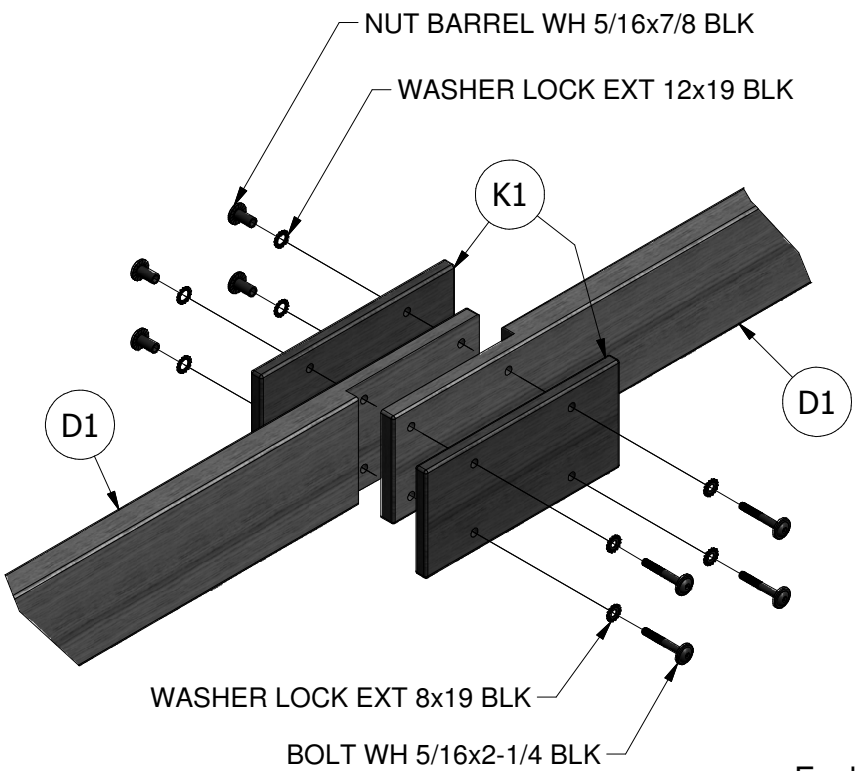


(8) ***D1 - JOIST - W102219***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

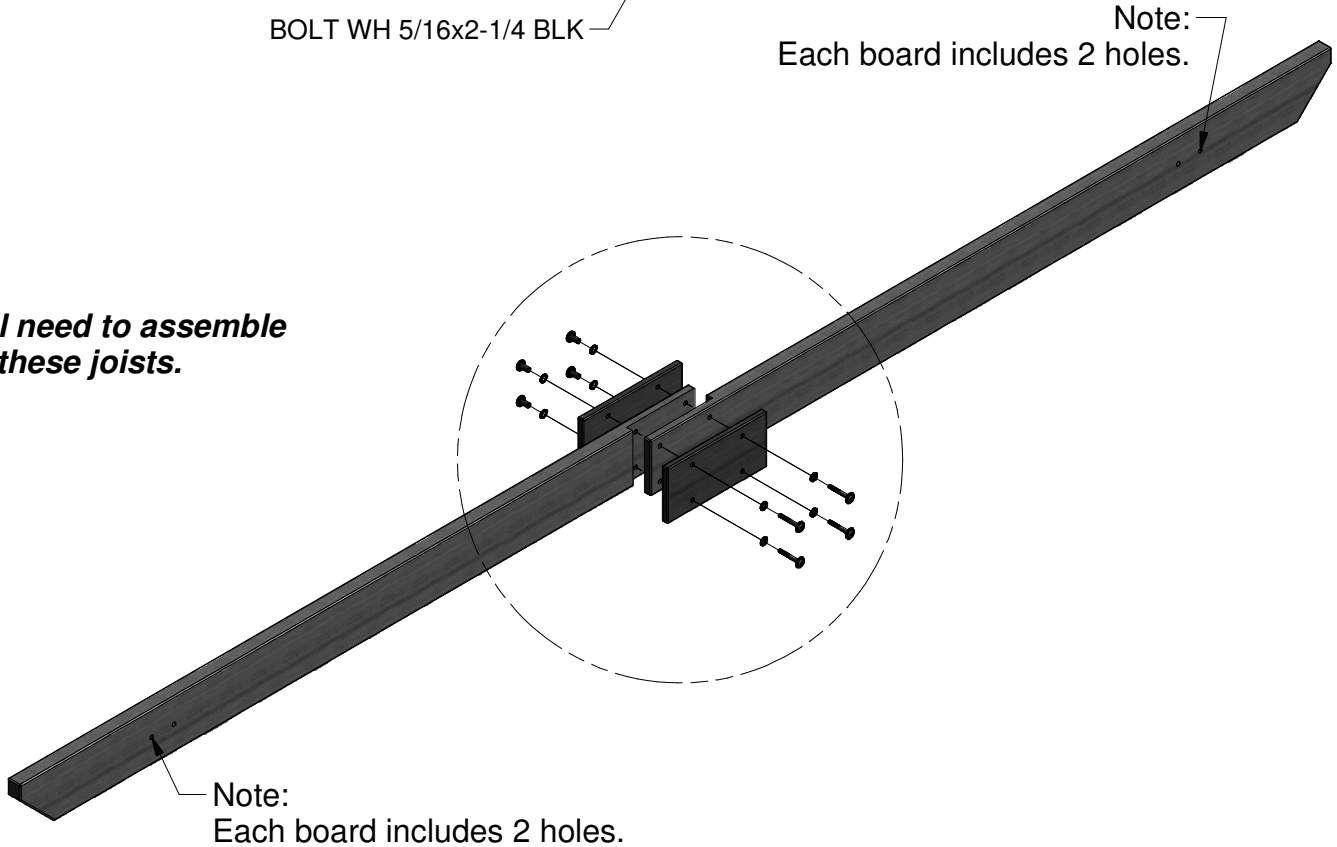
(8) ***K1 - TIE PLATE - W103359***
5/8"x5 1/4"x11" (16x134x280)

STEP 2





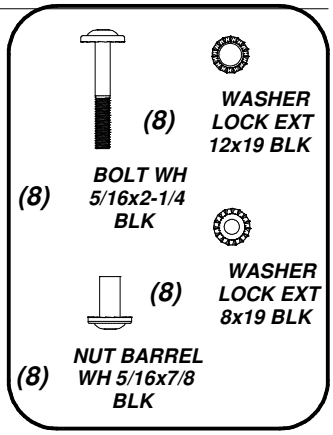
Note:
You will need to assemble four of these joists.

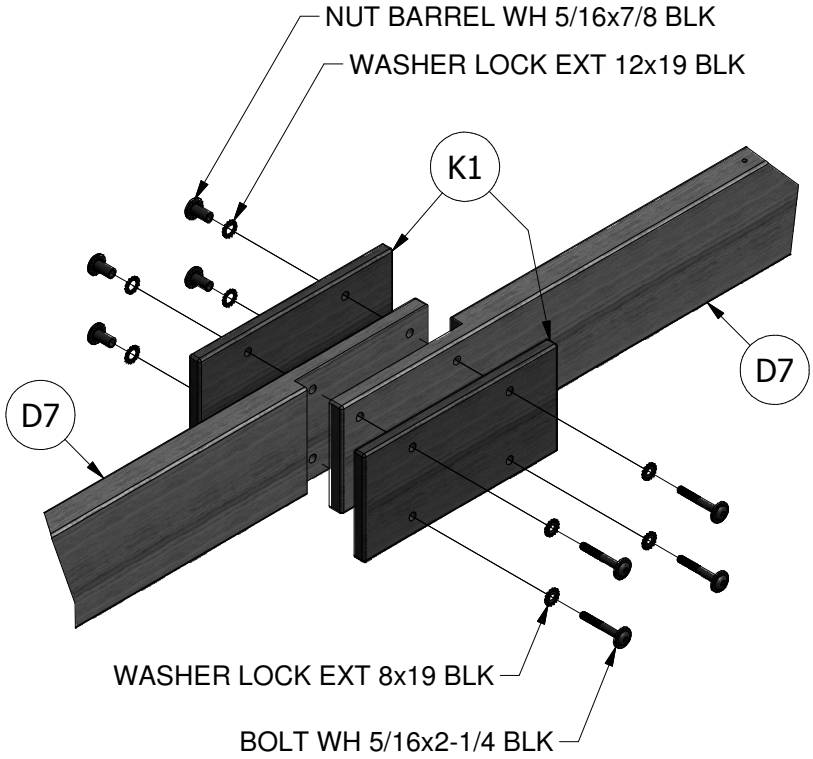


(4) ***D7 - JOIST - W103318***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

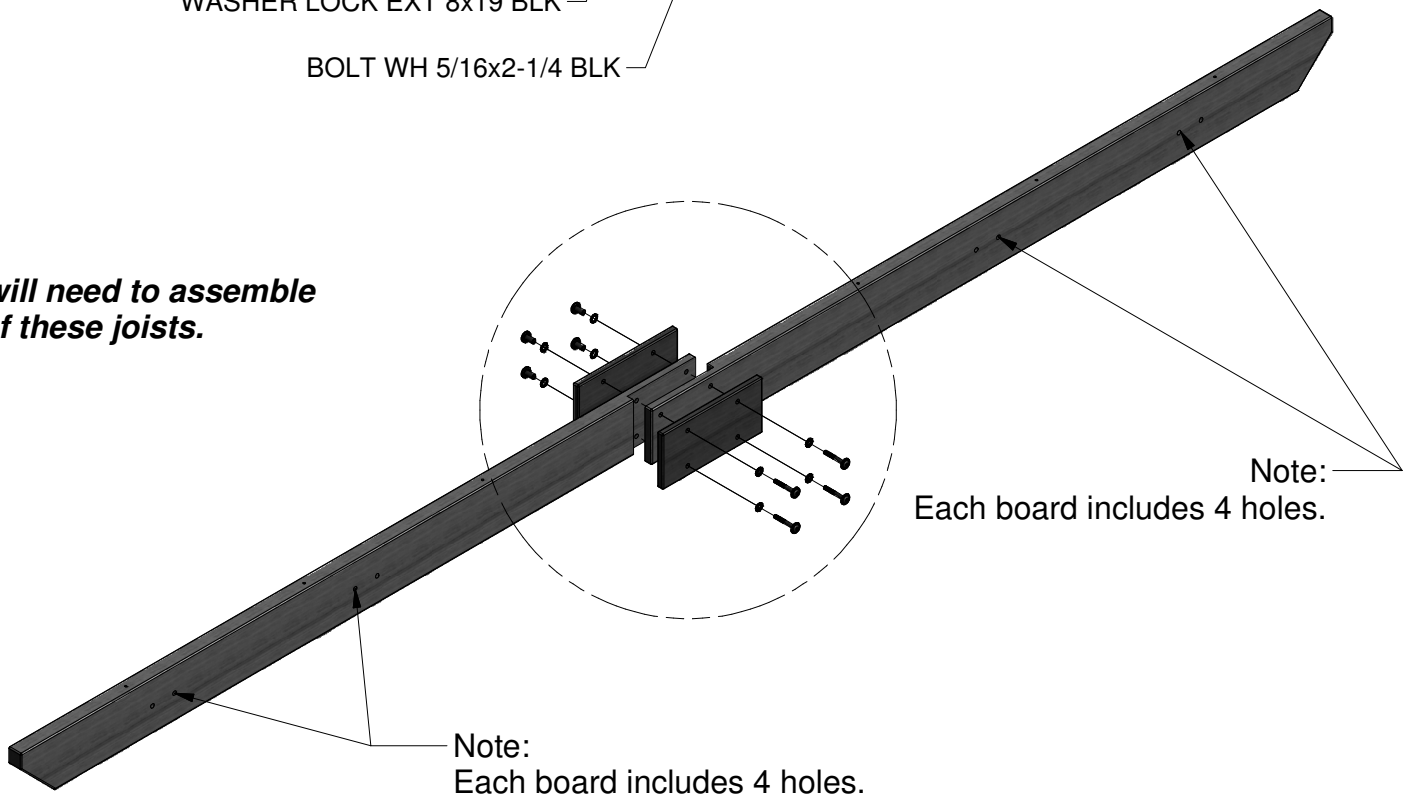
(4) ***K1 - TIE PLATE - W103359***
5/8"x5 1/4"x11" (16x134x280)

STEP 3





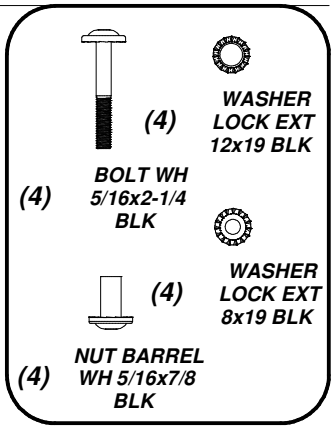
Note:
You will need to assemble two of these joists.

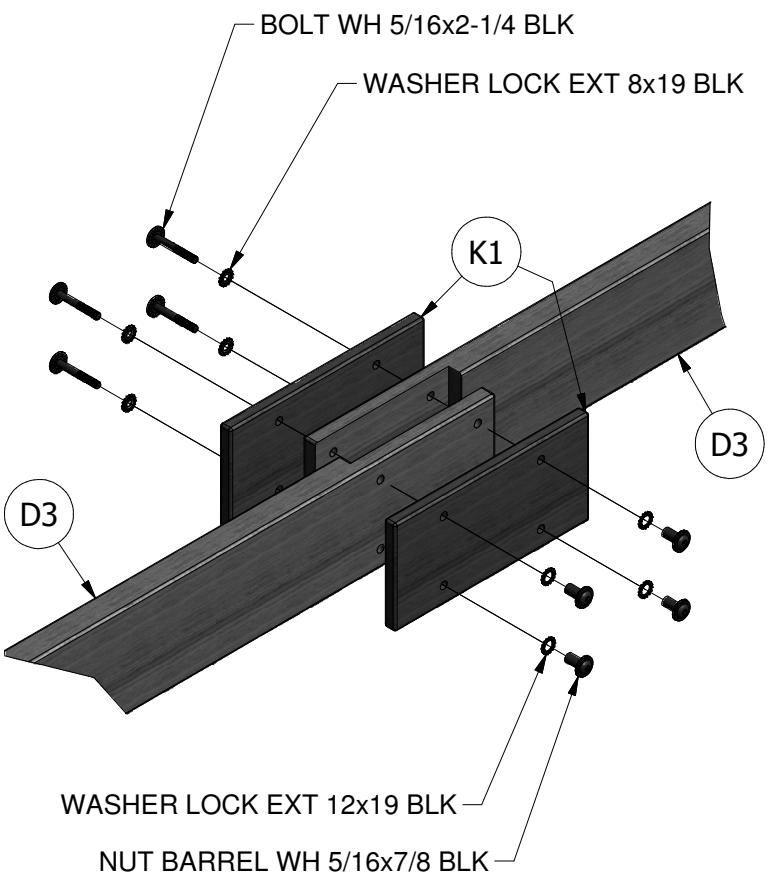


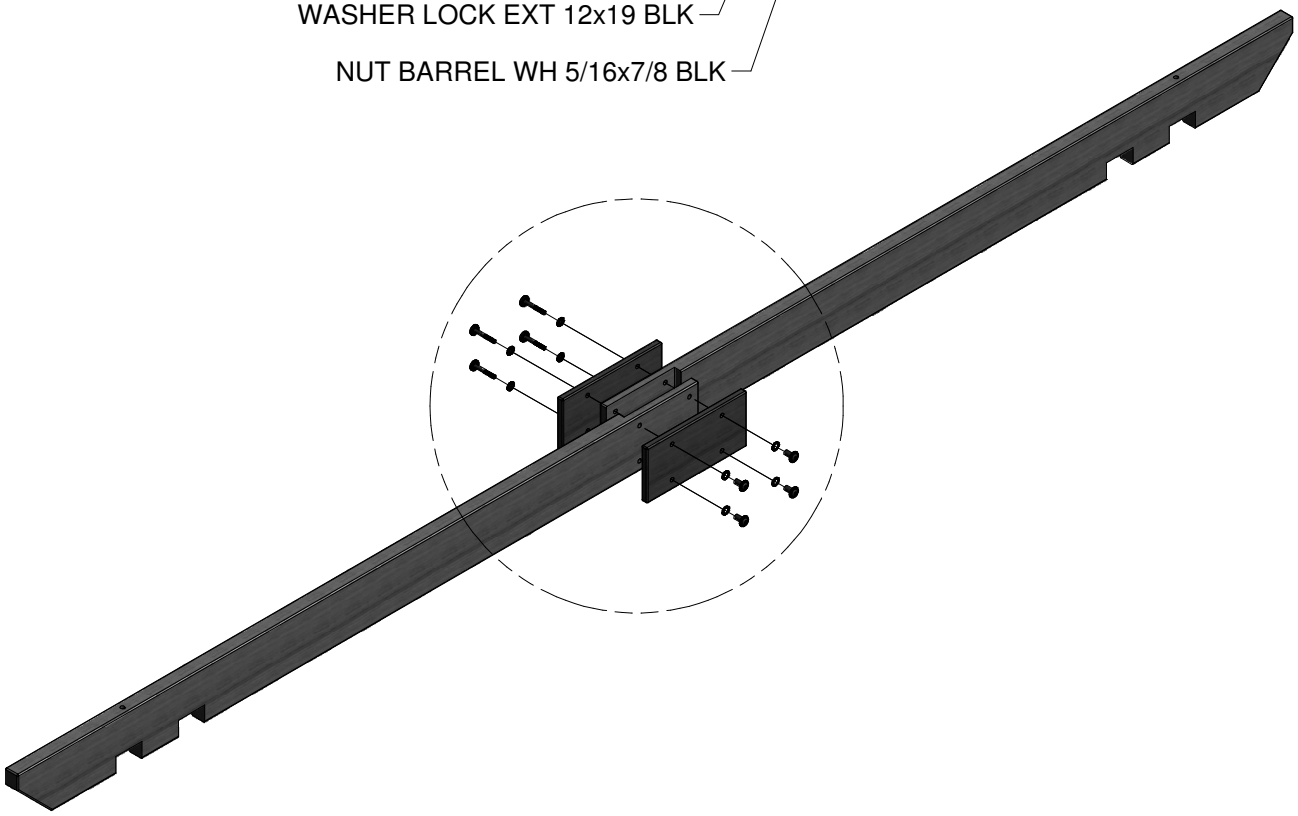
(2) ***D3 - CENTER SLOTTED JOIST - W102217***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

(2) ***K1 - TIE PLATE - W103359***
5/8"x5 1/4"x11" (16x134x280)

STEP 4



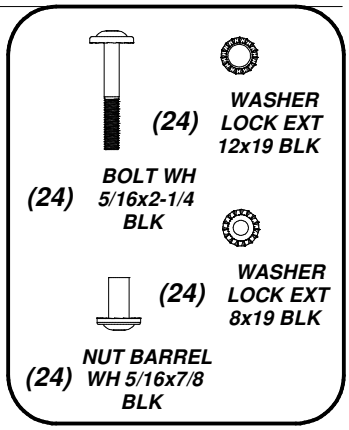


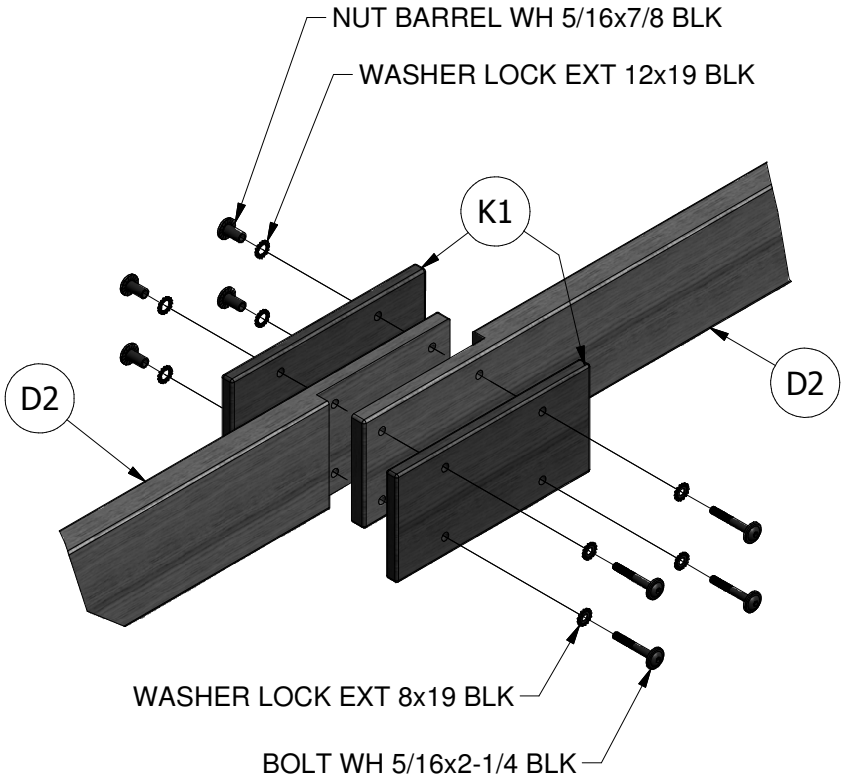


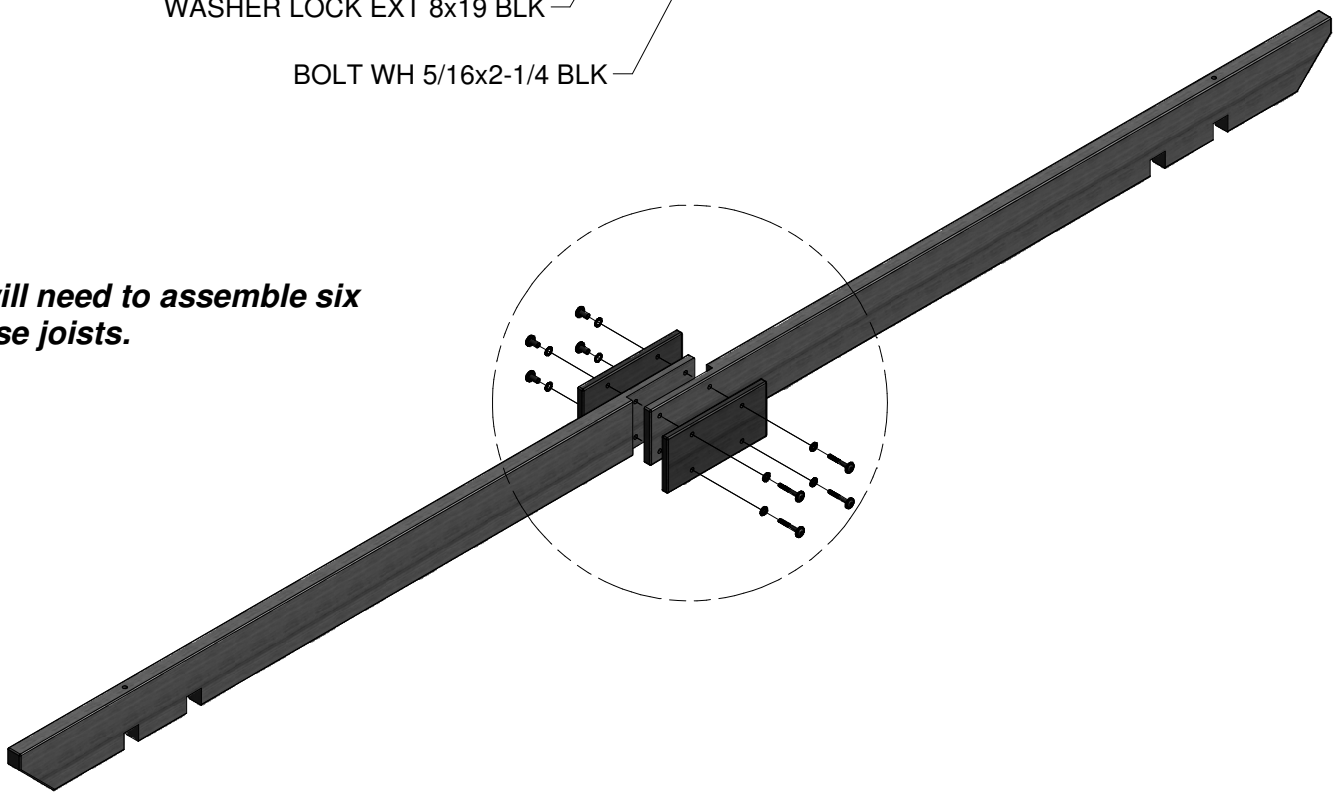
(12) ***D2 - SLOTTED JOIST - W102218***
1 3/8"x5 1/4"x75 1/4" (36x134x1912)

(12) ***K1 - TIE PLATE - W103359***
5/8"x5 1/4"x11" (16x134x280)

STEP 5

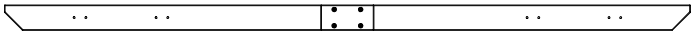






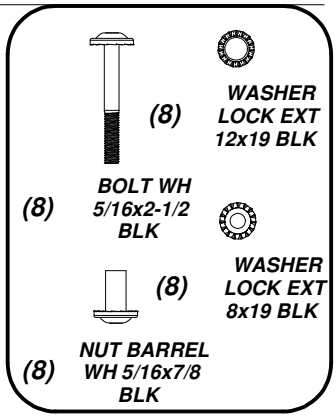
Note:
You will need to assemble six of these joists.

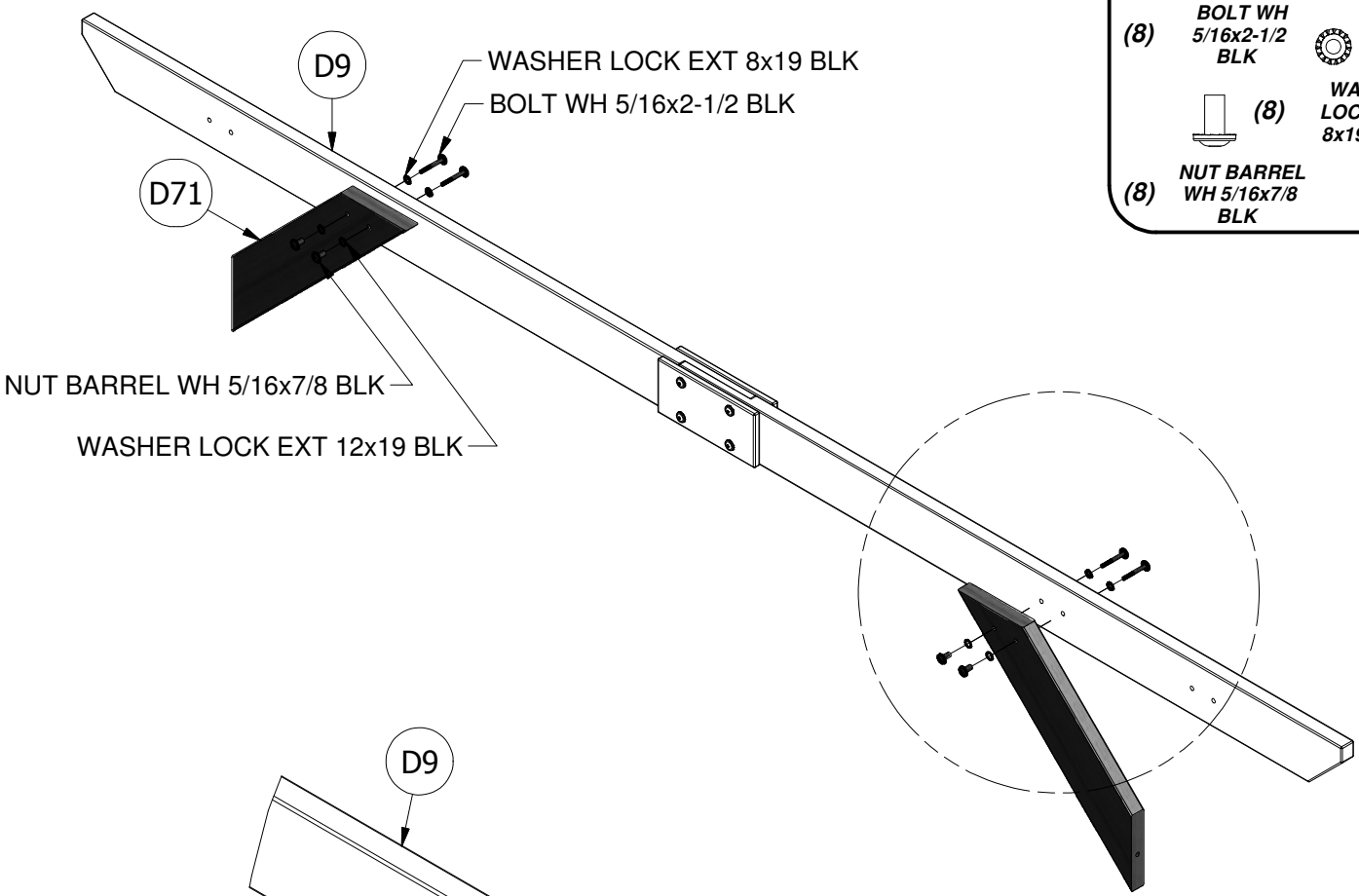
(4) ***D71 - ANGLE BRACE - W103320***
1 3/8"x5 1/4"x28" (36x134x710)

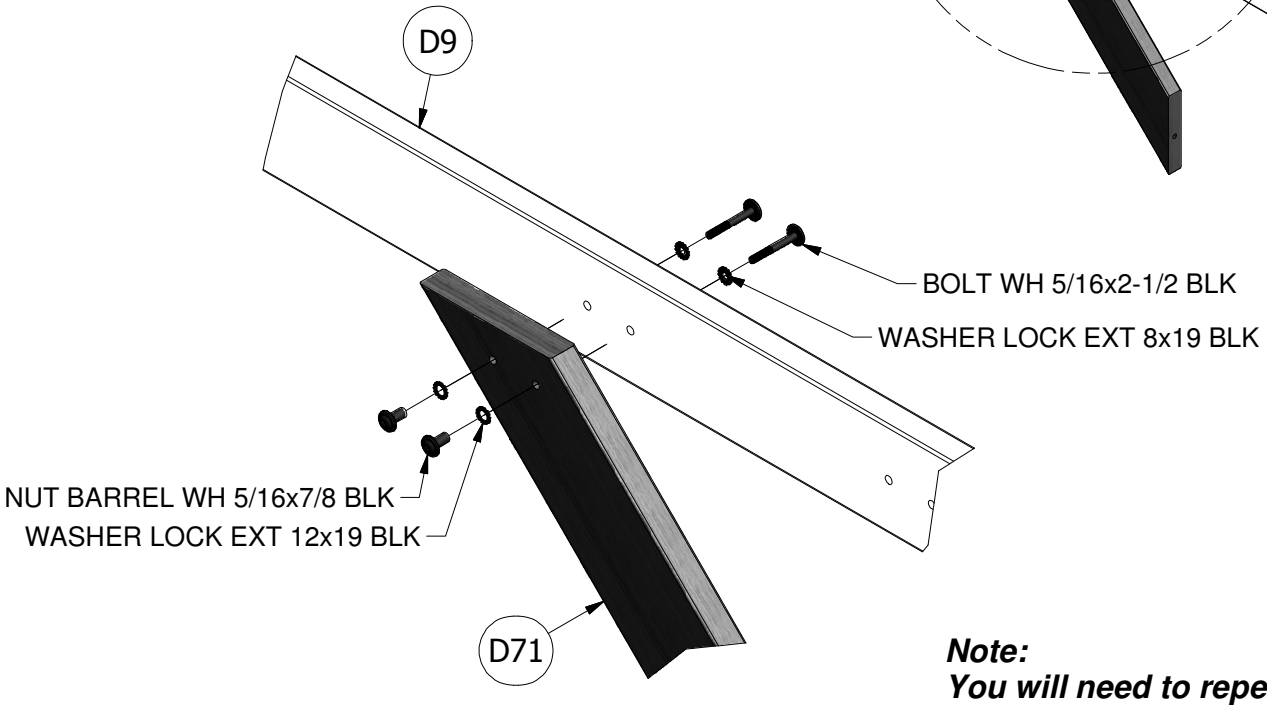


(2) OUTSIDE JOIST ASSEMBLY - (D9)

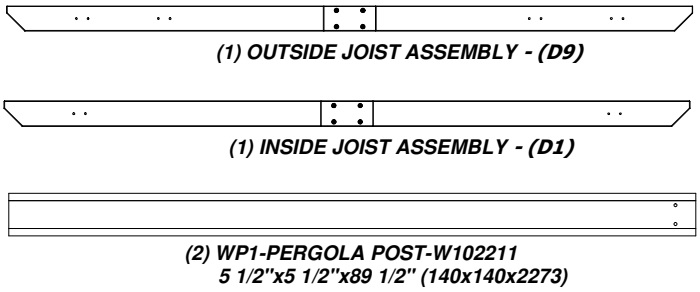
STEP 6

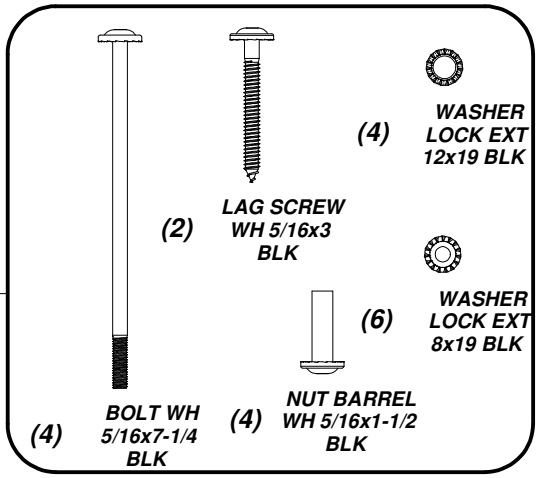






Note:
You will need to repeat this process for the opposite side joist.

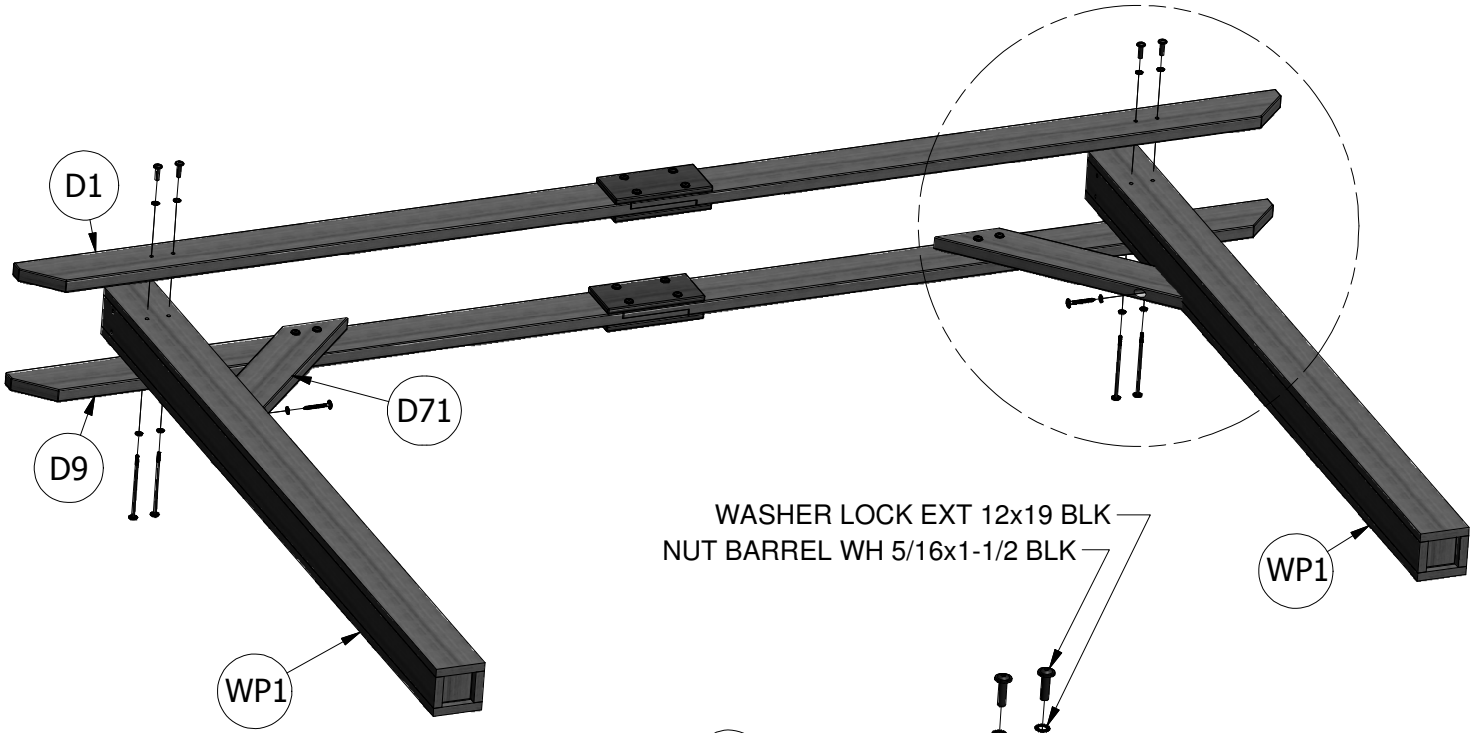




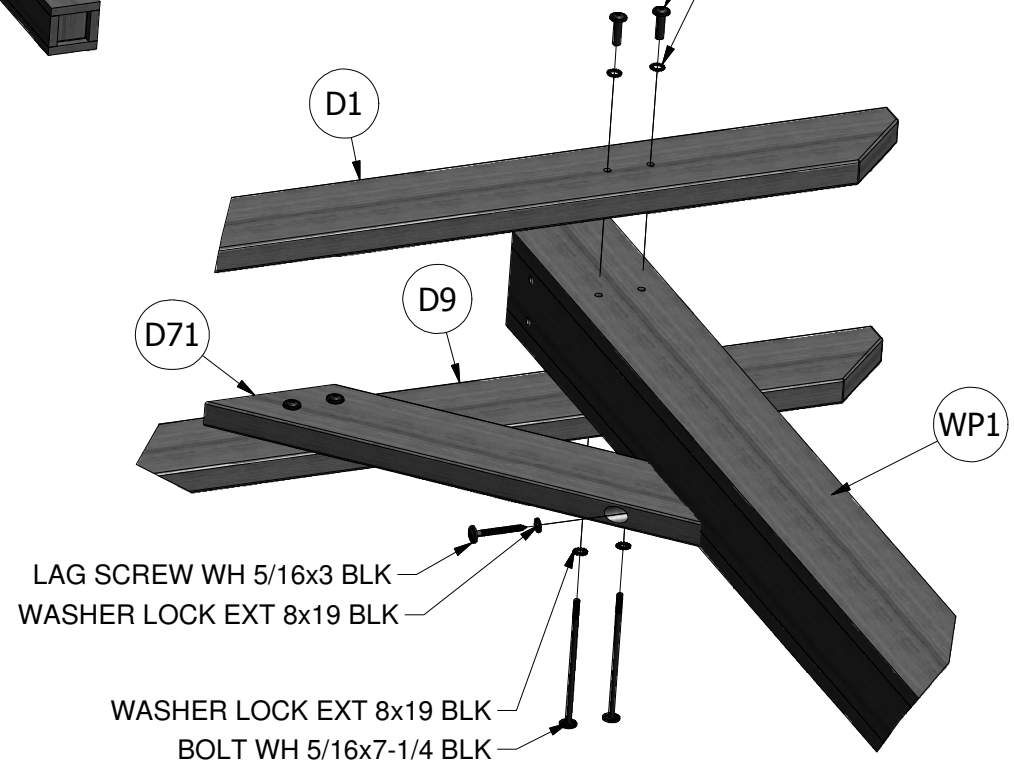
STEP 7

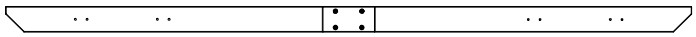
LEFT UPRIGHT ASSEMBLY

Note:
Angle braces 'D71' assemble toward the inside of the pergola assembly.

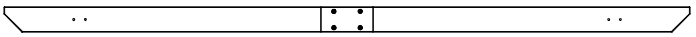


MAKE SURE THAT YOUR UNIT IS SQUARE.

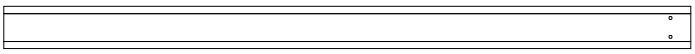




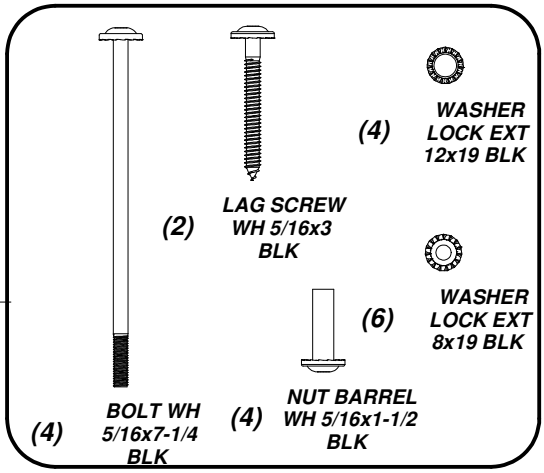
(1) OUTSIDE JOIST ASSEMBLY - (D9)



(1) INSIDE JOIST ASSEMBLY - (D1)



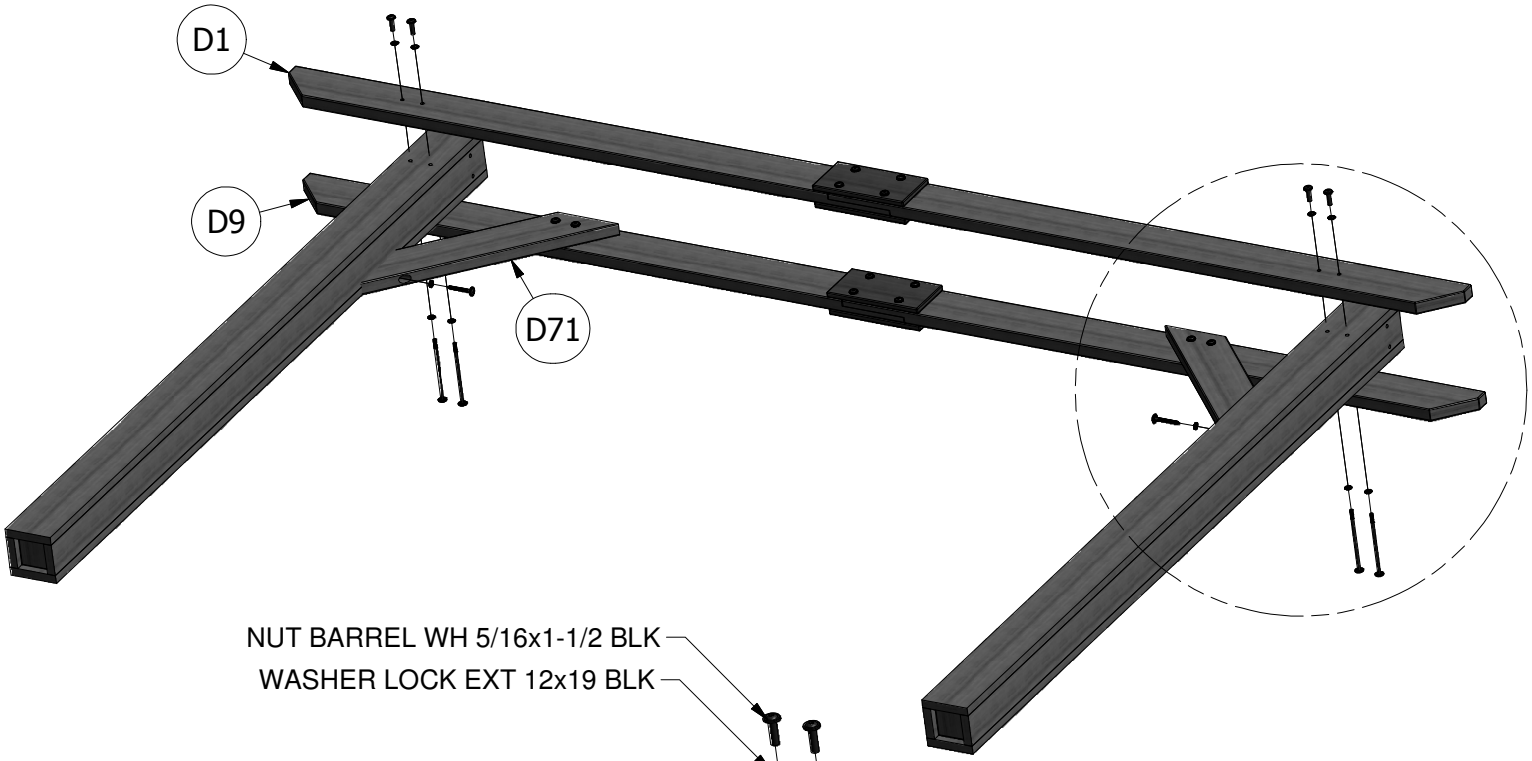
(2) WP1-PERGOLA POST-W102211
5 1/2"x5 1/2"x89 1/2" (140x140x2273)

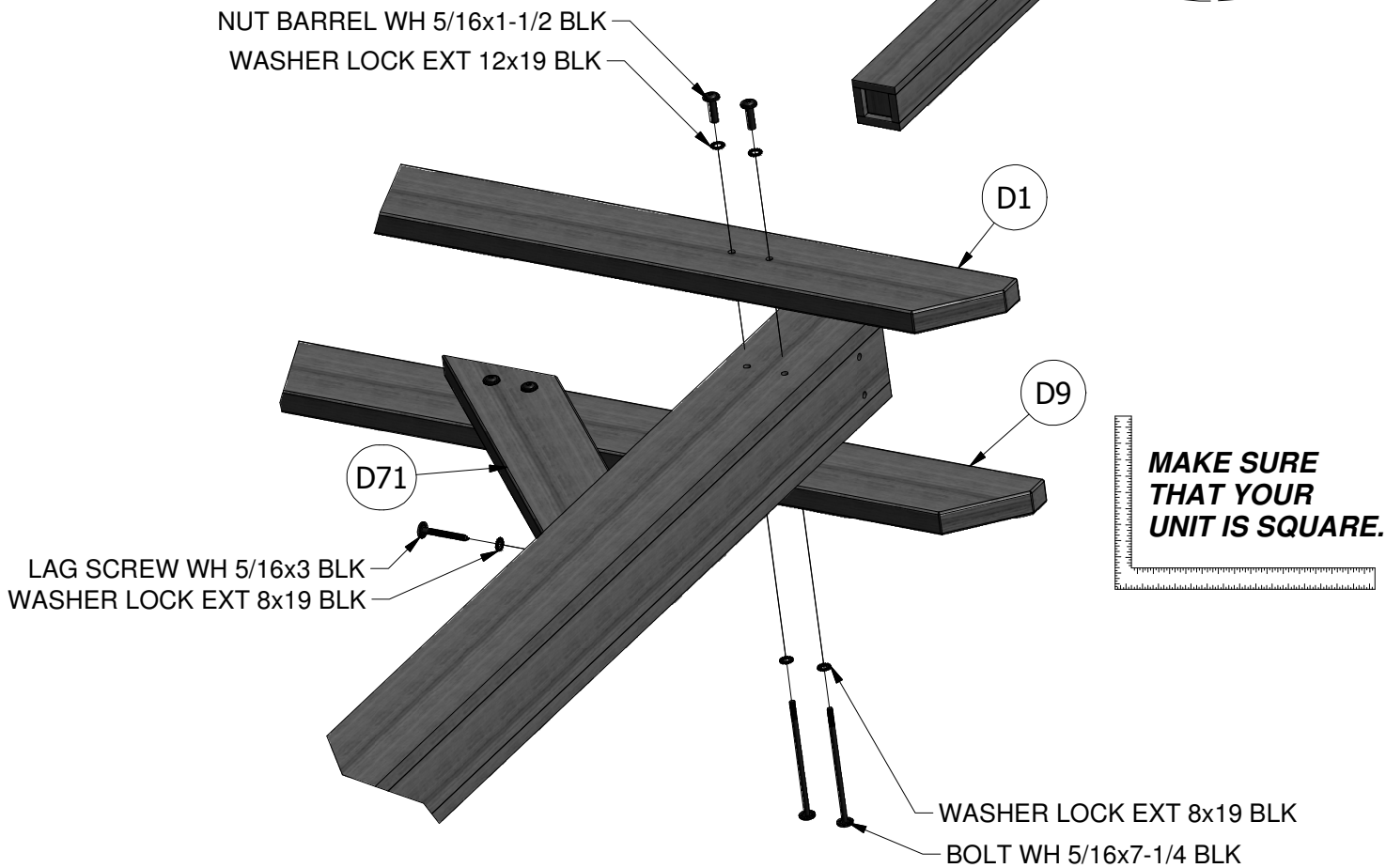


STEP 8

RIGHT UPRIGHT ASSEMBLY

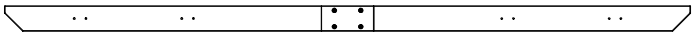
Note:
Angle braces 'D71' assemble toward the inside of the pergola assembly.





MAKE SURE THAT YOUR UNIT IS SQUARE.

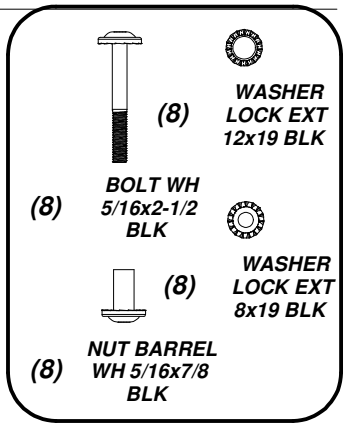
(4) ***D70 - ANGLE BRACE - W103317***
1 3/8"x5 1/4"x35 3/8" (36x134x900)

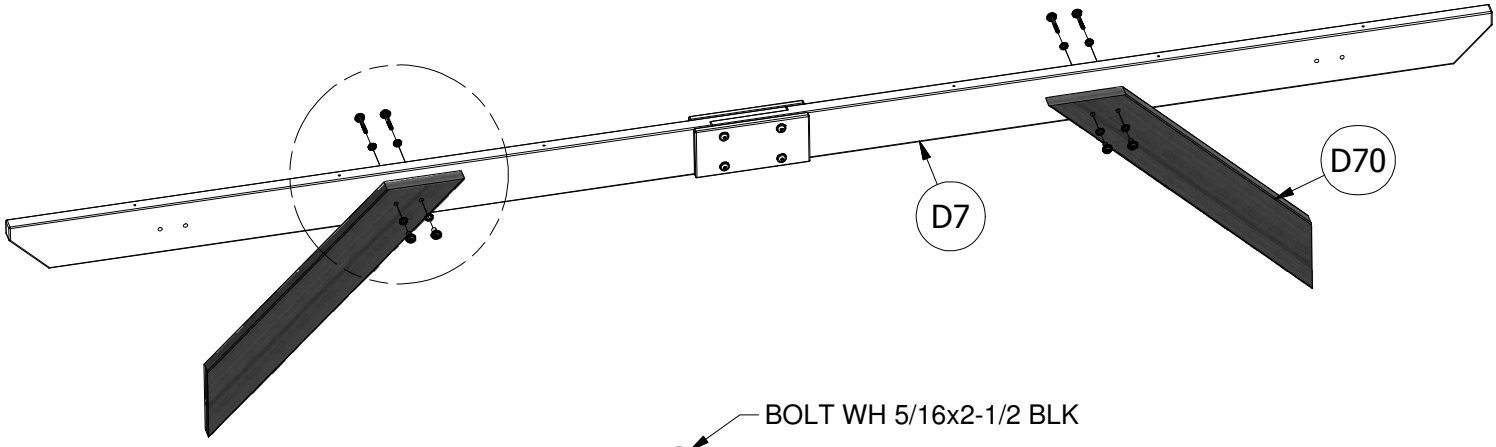


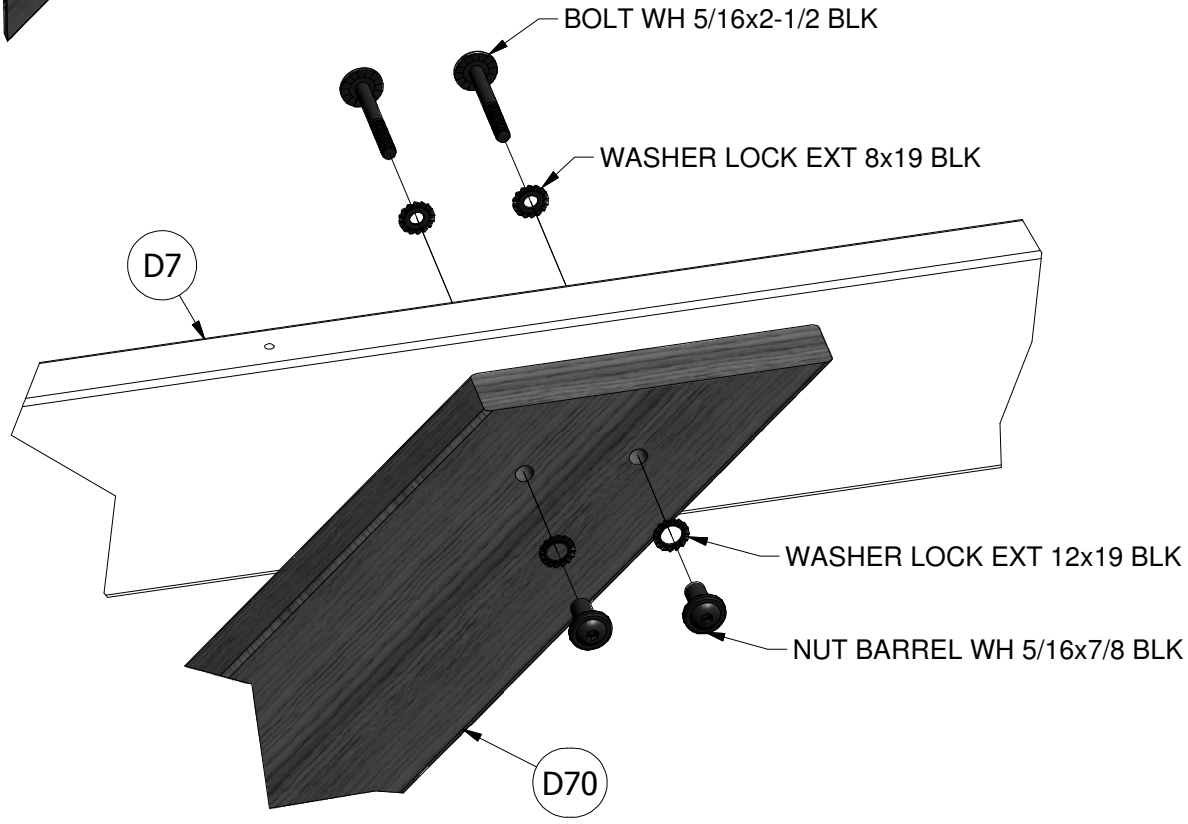
(2) OUTSIDE JOIST ASSEMBLY - (D7)

STEP 9

Note:
You will need to repeat this process for the opposite side joist.



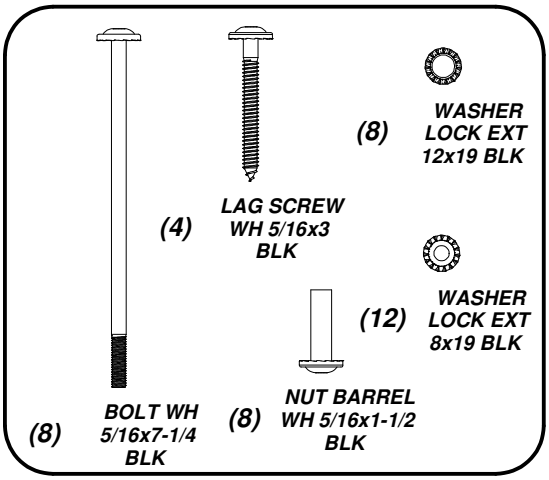


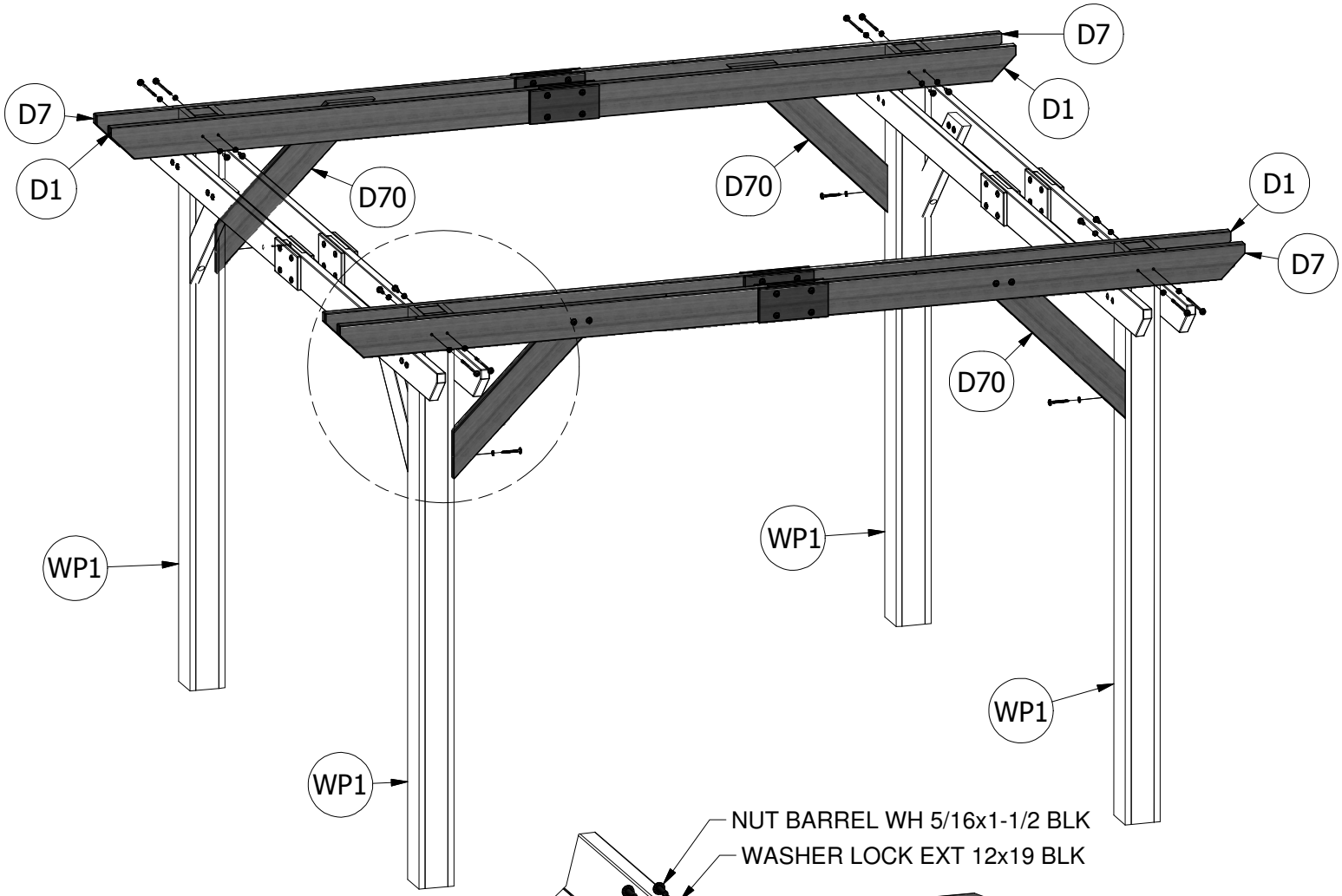


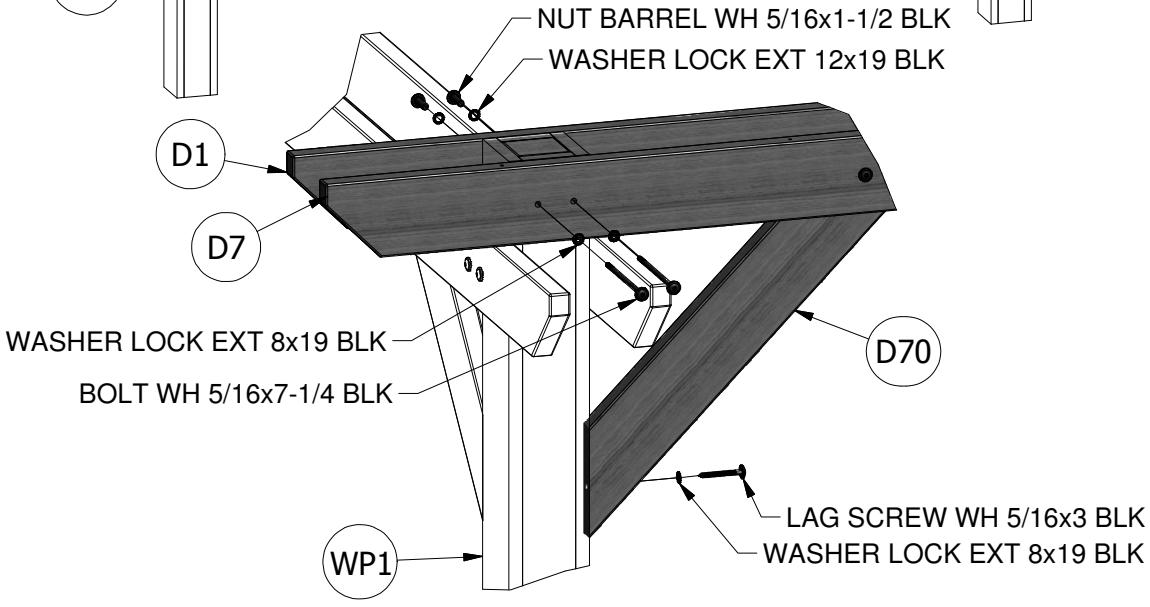
STEP 10

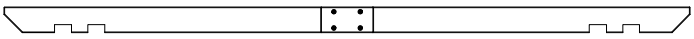
Note:
Angle braces 'D70' assemble toward the inside of the pergola assembly.

MAKE SURE THAT YOUR UNIT IS SQUARE.

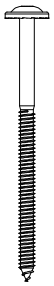








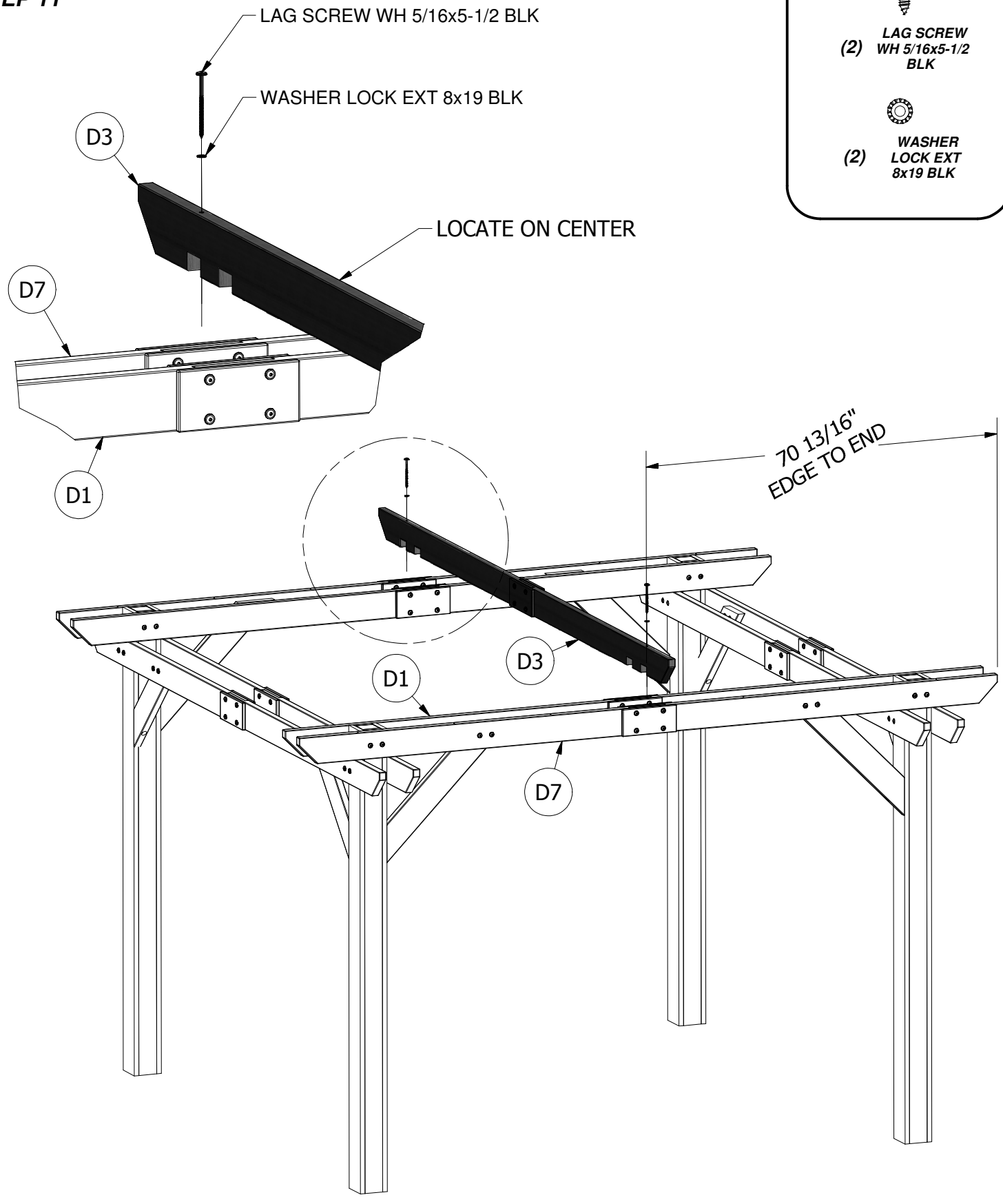
(1) UPPER CENTER JOIST ASSEMBLY - (D3)

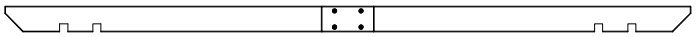


(2) LAG SCREW WH 5/16x5-1/2 BLK

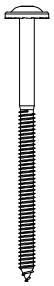
(2) WASHER LOCK EXT 8x19 BLK

STEP 11





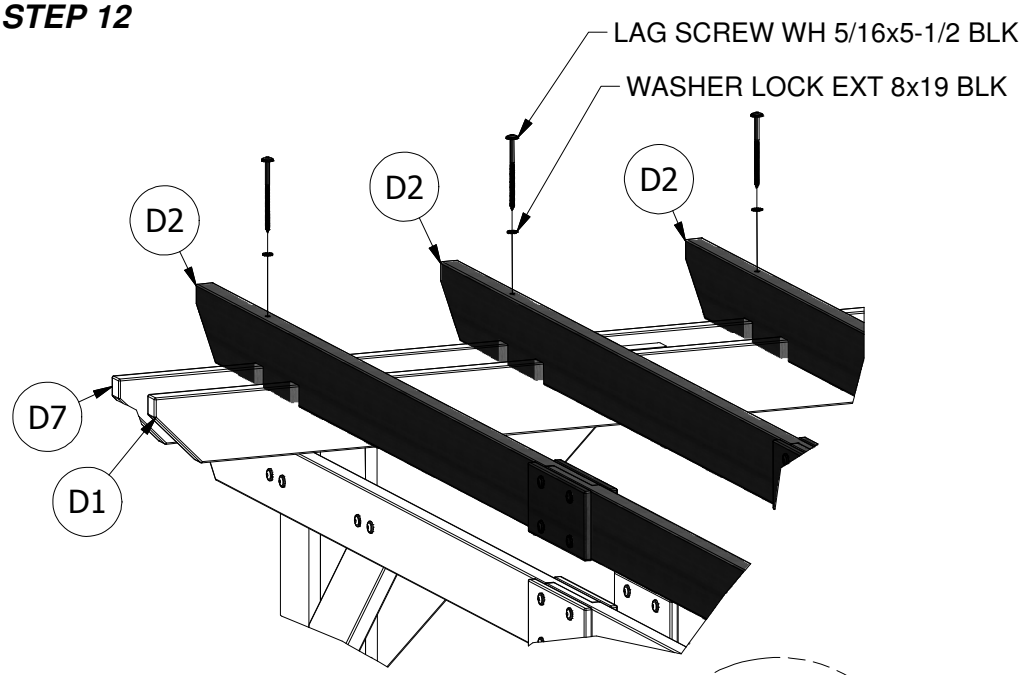
(6) UPPER SLOTTED JOIST ASSEMBLY - (D2)

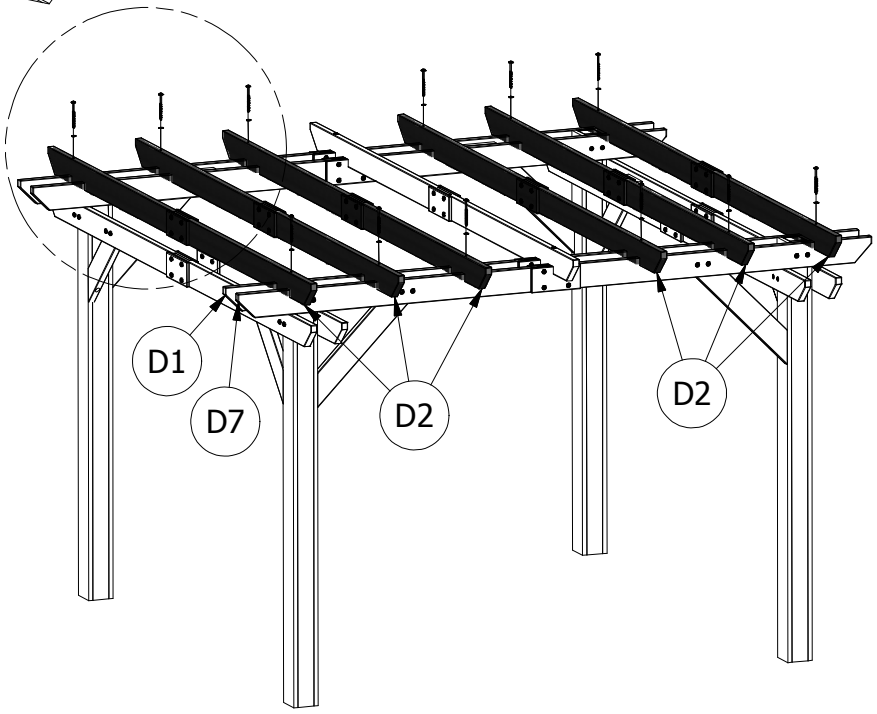


LAG SCREW
(12) WH 5/16x5-1/2
BLK

(12) WASHER
LOCK EXT
8x19 BLK

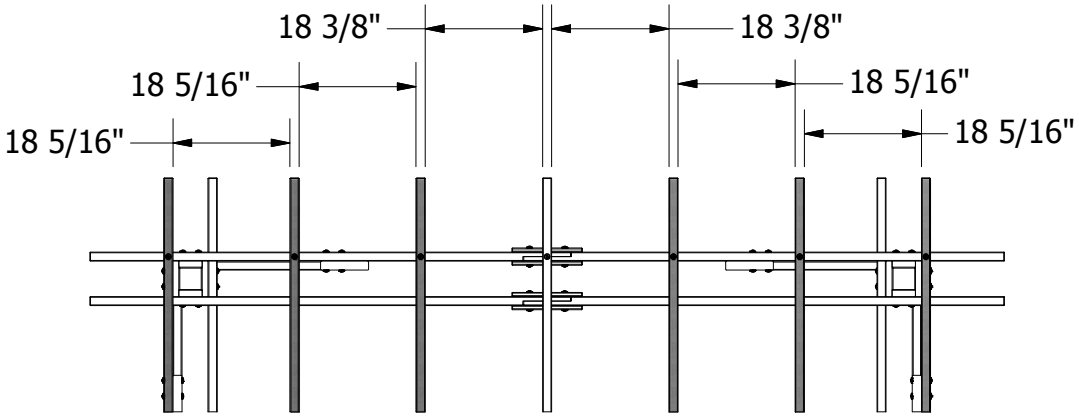
STEP 12



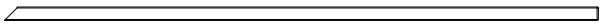


Assembly Tip:

• THERE ARE PRE-DRILLED HOLES LOCATED ON THE TOP EDGES OF D7 BOARDS TO AID IN ASSEMBLY.



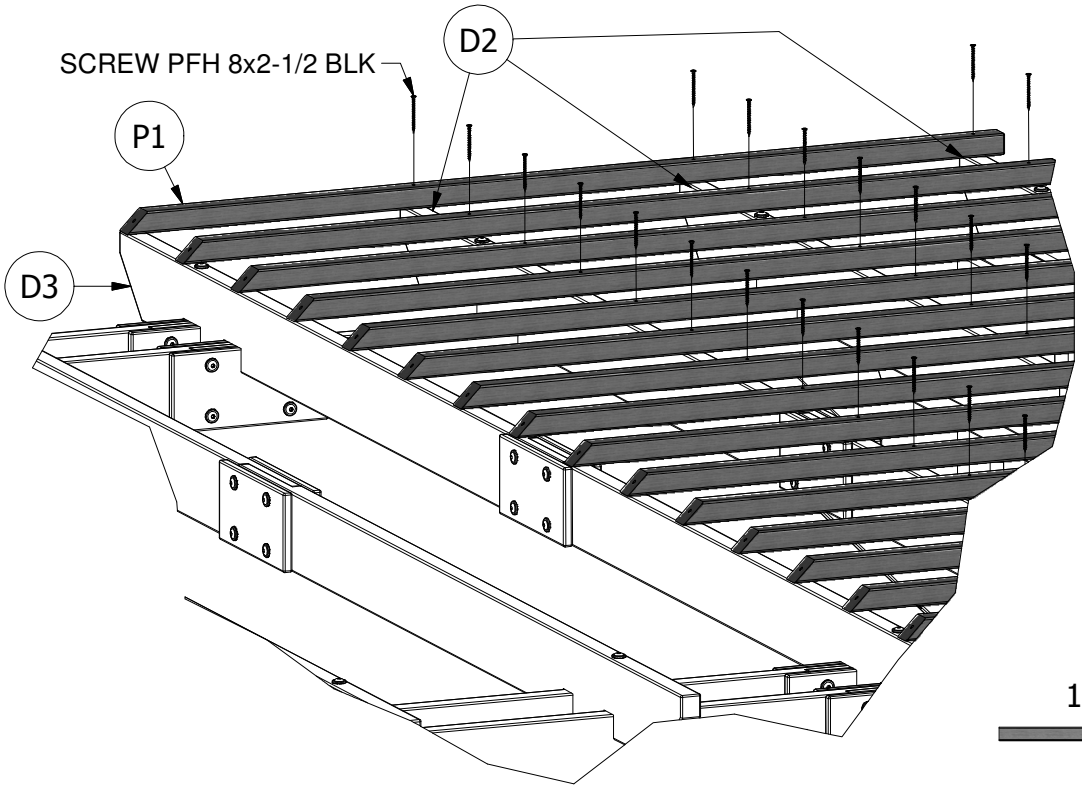
TOP VIEW

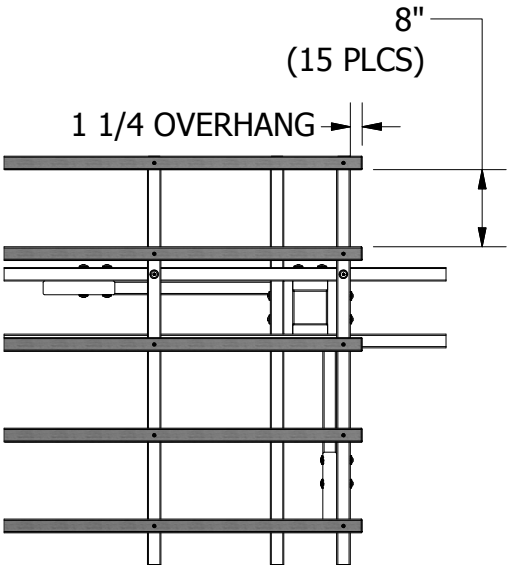


(16) ***P1 - ROOF SLAT - W102216***
1 3/8"x1 3/8"x61 7/8" (36x36x1572)

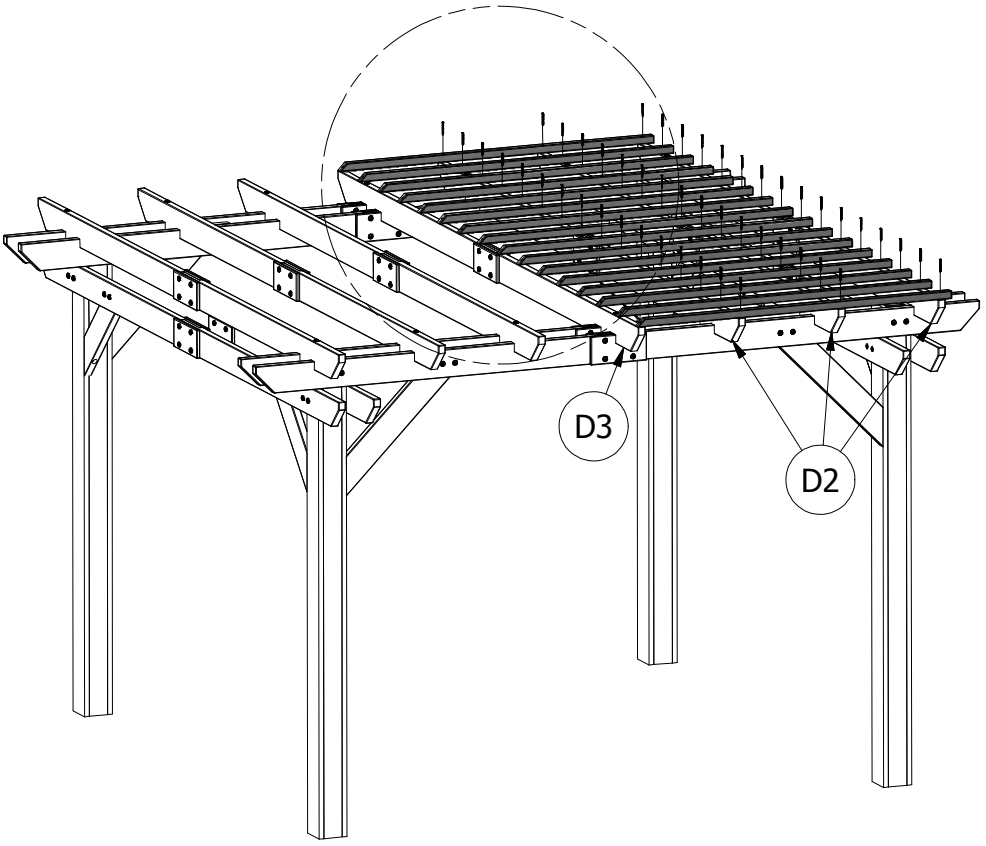
(48) ***SCREW PFH 8x2-1/2 BLK***

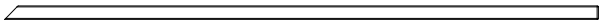
STEP 13



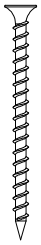


PURLIN POSITION
TOP VIEW - RIGHT CORNER



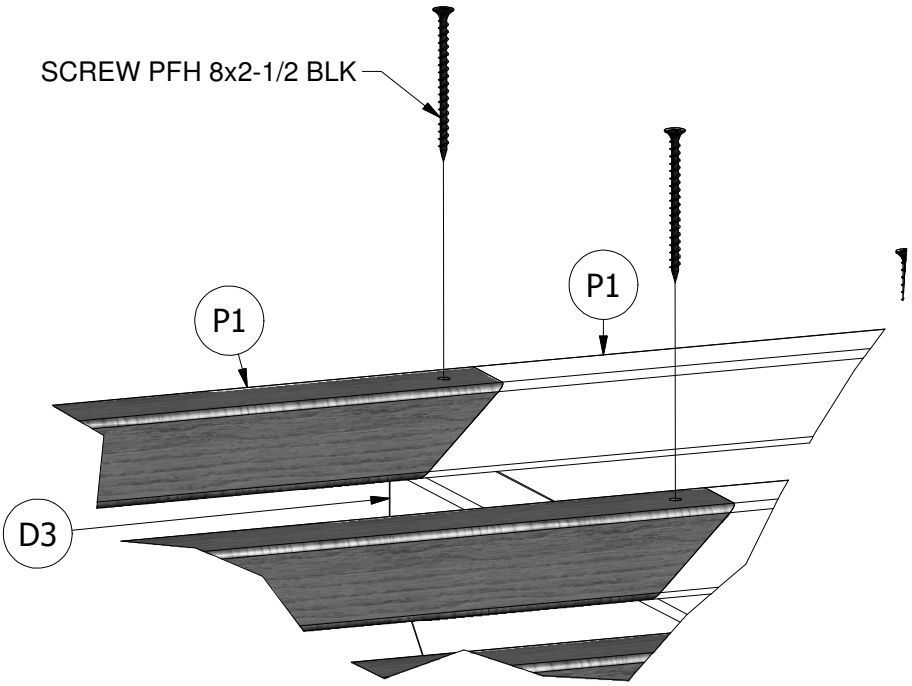


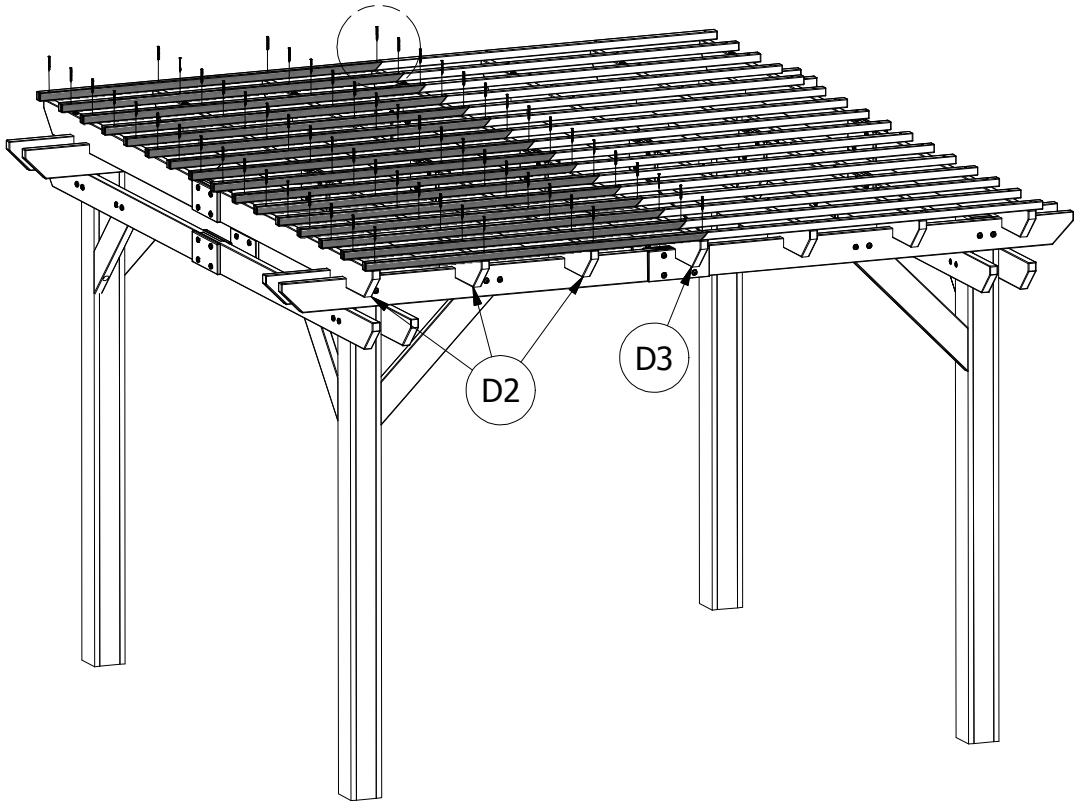
(16) ***P1 - ROOF SLAT - W102216***
1 3/8"x1 3/8"x61 7/8" (36x36x1572)

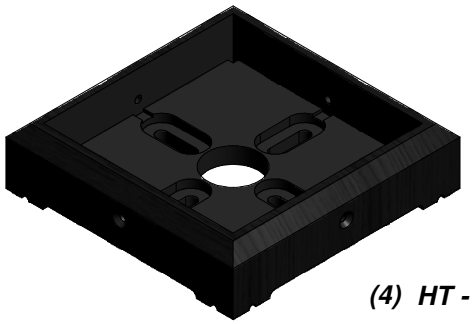


(64) ***SCREW PFH 8x2-1/2 BLK***

STEP 14



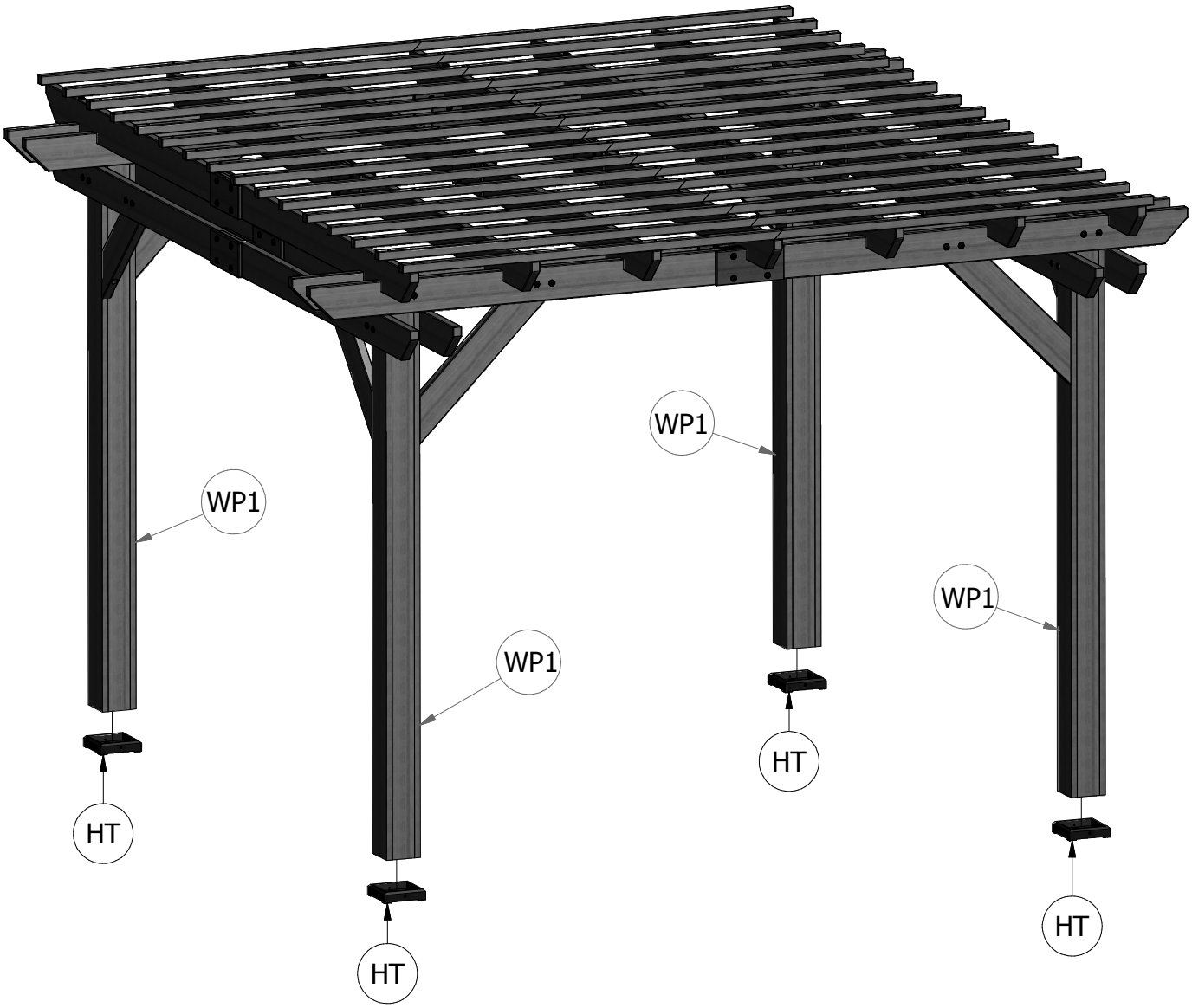




(4) HT - FOOT 142 SQUARE POST - A100029

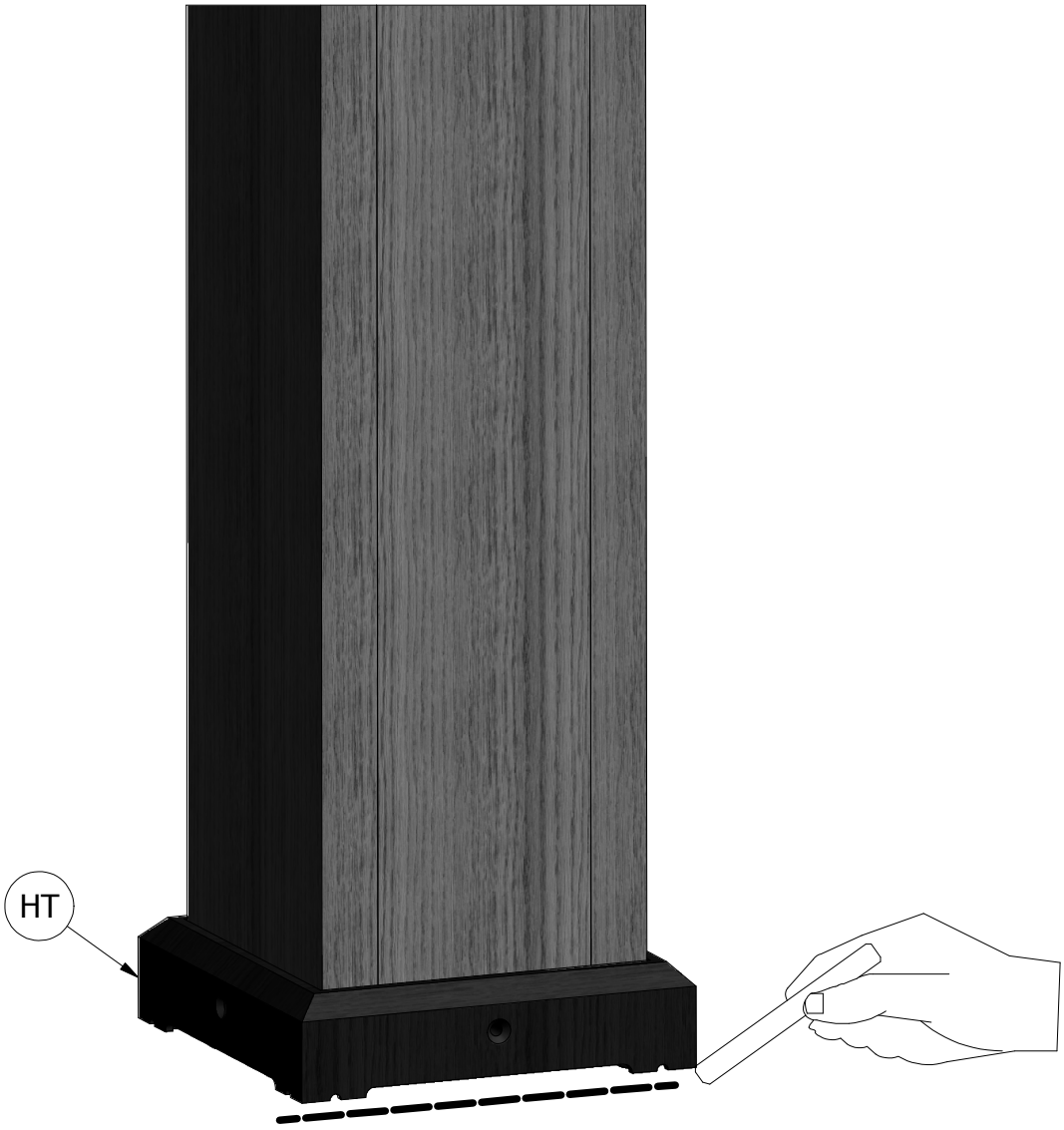
STEP 15

• Place the Pergola exactly where it will be anchored when completed.
Then slide a Foot 'HT' under each post 'WP1'.



STEP 16

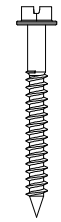
• Use chalk to trace all the way around the edges of each foot 'HT'.



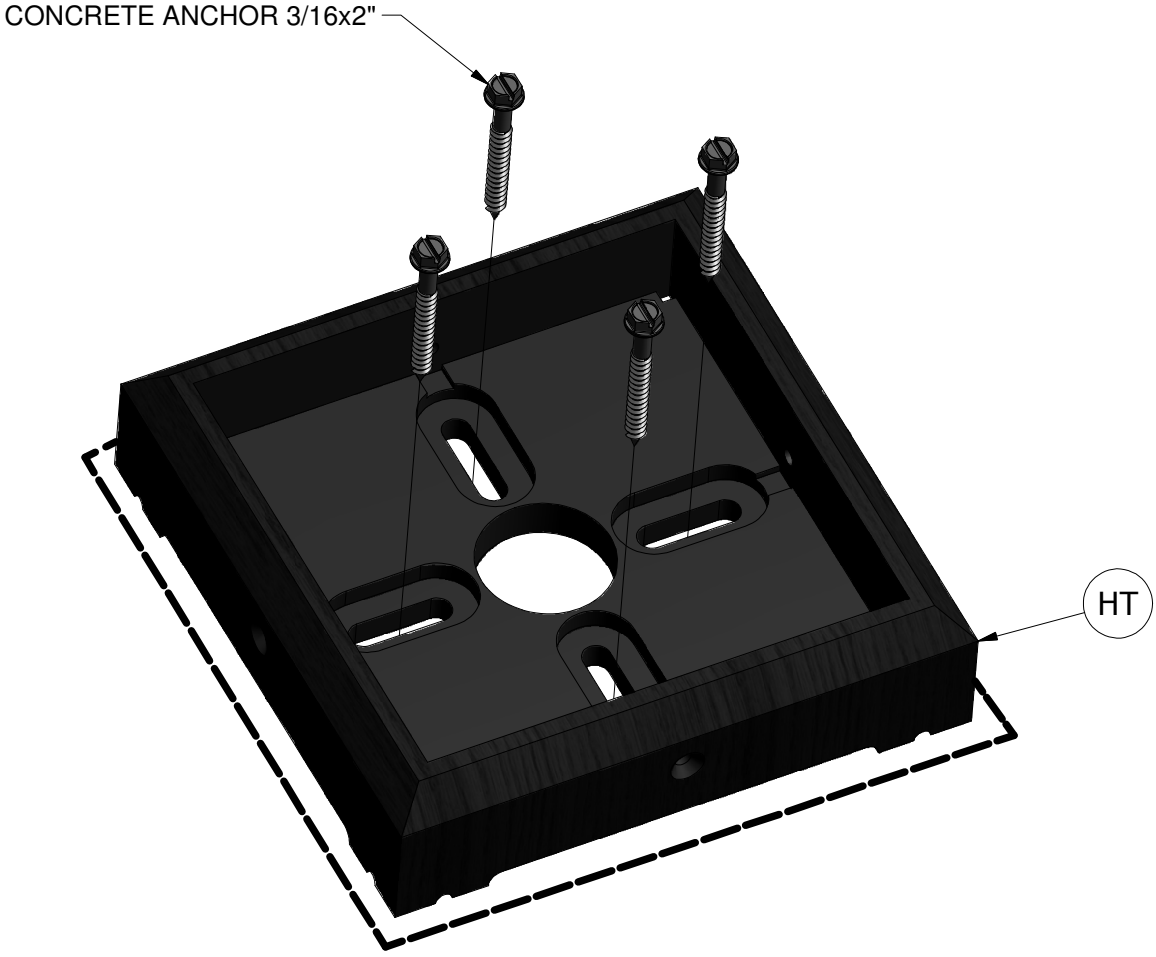
STEP 17

• Move the Pergola aside. Place each Foot 'HT' inside of the lines drawn around them in Step 16. Using a concrete drill bit, pilot drill attachment holes into the concrete.

• Next, use the 3/16"x2" concrete anchor to attach each foot to the concrete surface.

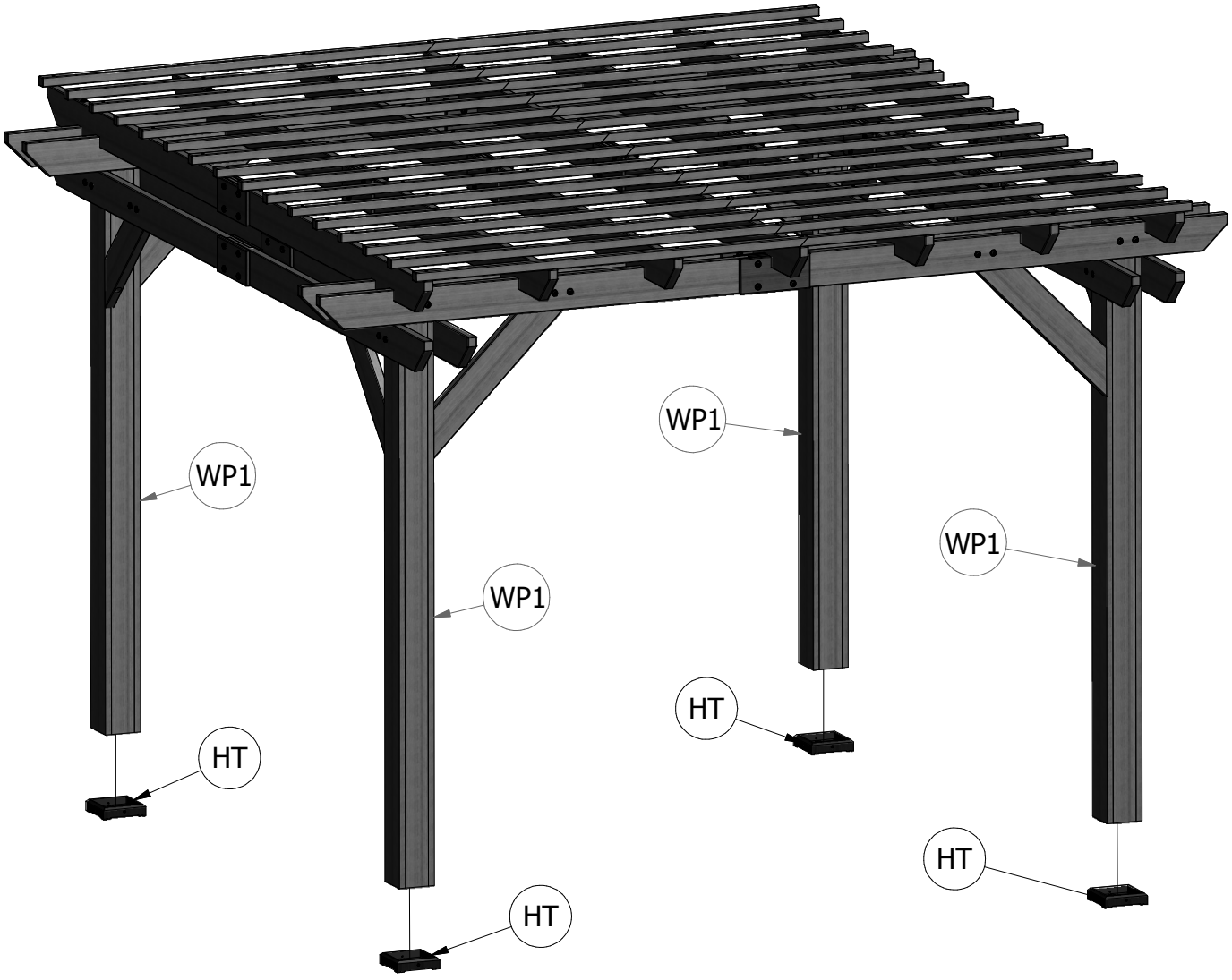


(16) ***CONCRETE ANCHOR 3/16x2"***



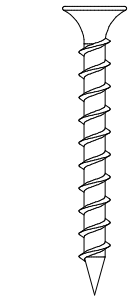
STEP 18

• Set the Pergola back in place, setting each post 'WP1' inside a 'HT' foot.

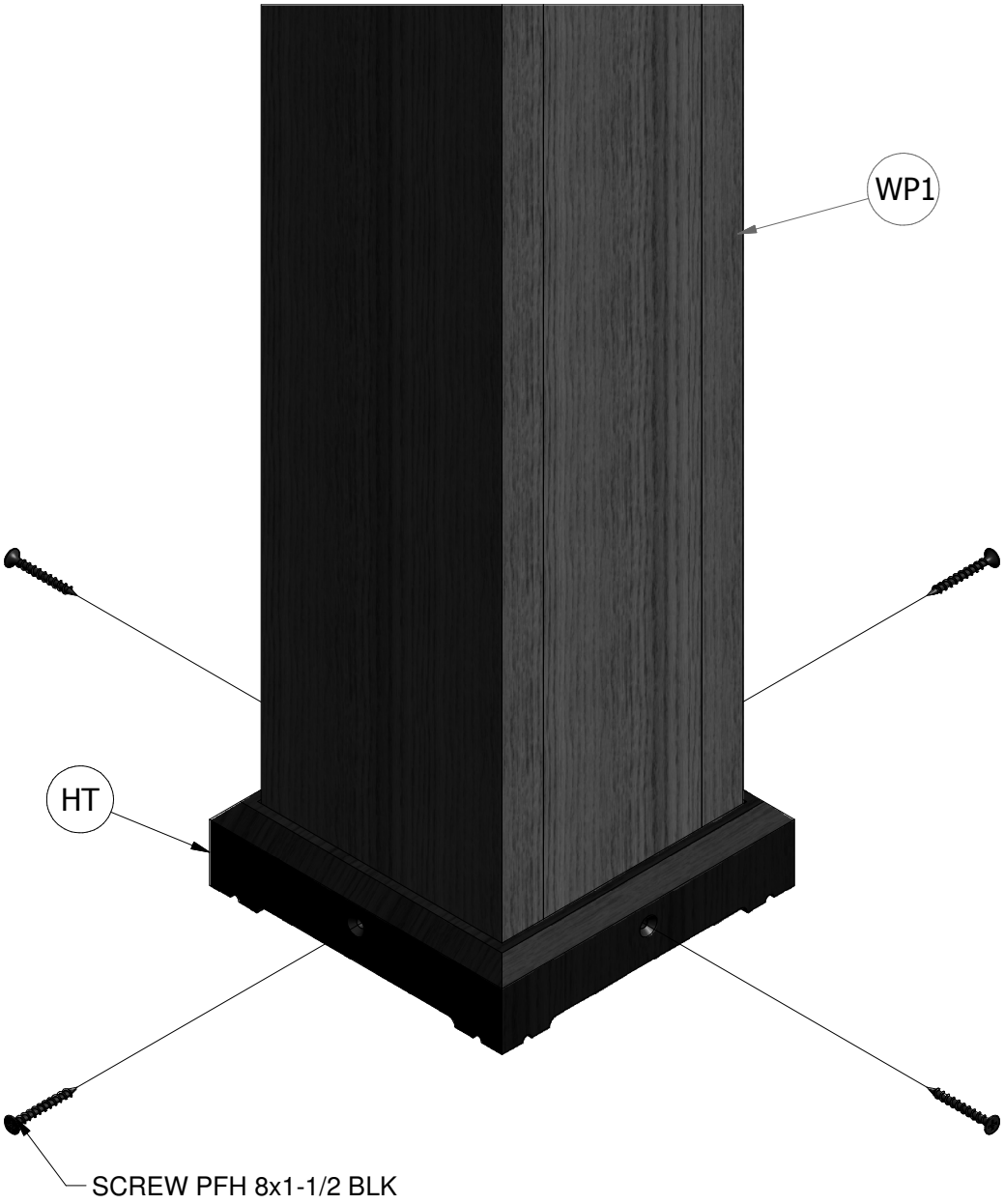


STEP 19

• Attach 'HT' Feet to each 'WP1' post using 1-1/2" deck screws into each side, as shown.

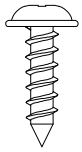


(16) SCREW PFH 8x1-1/2 BLK



(1) ***SQ - "A" REVISION TAG - A100314***

(1) ***VJ - LTP ID TAG (SMALL) WITHOUT AGES - A100387***

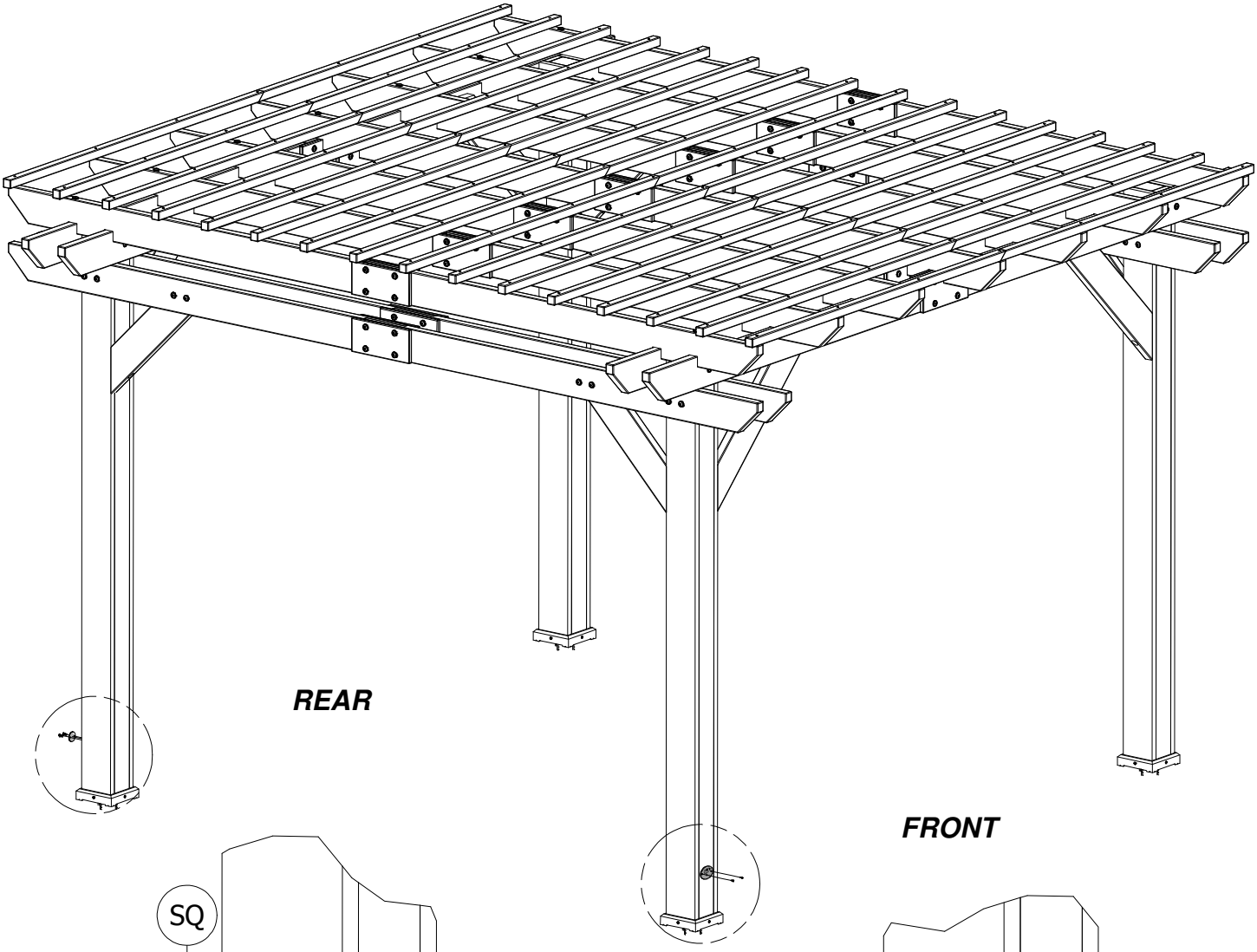


(2) SCREW PWH 8x5/8 BLK

(2) SCREW PFH 8x1/2 BLK

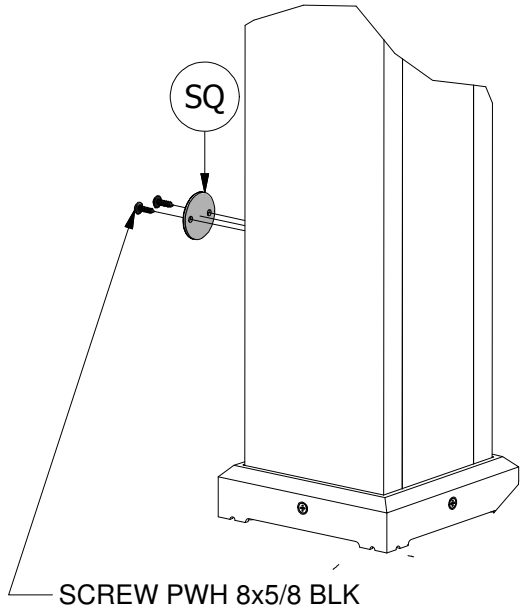
STEP 20

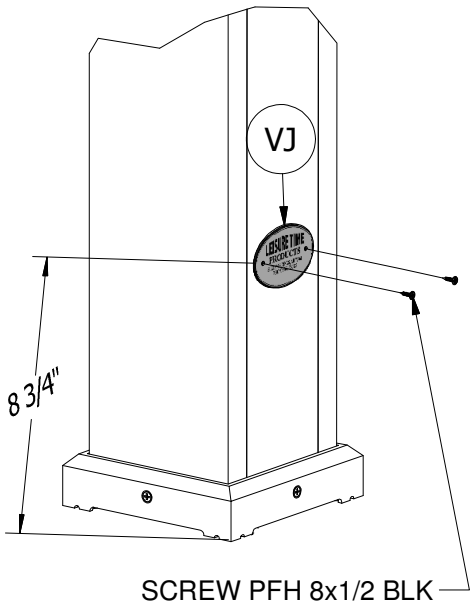
- ***Place I.D. Placard 'VJ' on front of post approximately as shown.***
- ***Place Revision Tag 'SQ' on rear of post approximately as shown.***



REAR

FRONT





Limited Warranty

This Limited Warranty by Backyard Discovery applies to products manufactured under the Backyard Discovery brand or its other brands including but not limited to Backyard Botanical, Adventure Playsets, and Leisure Time Products.

Backyard Discovery warrants that this product is free from defect in materials and workmanship for a period of one (1) year from the original date of purchase. This one (1) year warranty covers all parts including wood, hardware, and accessories. All wood carries a five (5) year pro-rated warranty against rot and decay. Refer to the schedule below for charges associated with replacement of parts under this Limited Warranty. In addition, Backyard Discovery will replace any parts within the first 30 days from date of purchase found to be missing from or damaged in the original packaging.

This warranty applies to the original owner and registrant and is **non-transferable**. Regular maintenance is required to assure maximum life and performance of this product and failure by the owner to maintain the product according to the maintenance requirements may void this warranty. Maintenance guidelines are provided in the Owner's Manual.

This Limited Warranty does not cover:

- Labor for any inspection
- Labor for replacement of any defective item(s)
- Incidental or consequential damages
- Cosmetic defects which do not affect performance or integrity of a part or the entire product
- Vandalism, improper use, failure due to loading or use beyond the capacities stated in the applicable Assembly Manual.
- Acts of nature including but not limited to wind, storms, hail, floods, excessive water exposure
- Improper installation including but not limited to installation on uneven, unlevel, or soft ground
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect performance or integrity

Backyard Discovery products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Modification voids any and all warranties and Backyard Discovery assumes no liability for any modified products or consequences resulting from failure of a modified product.

This product is warranted for RESIDENTIAL USE ONLY. Under no circumstance should a Backyard Discovery product be used in public settings. Such use may lead to product failure and potential injury. Any and all public use will void this warranty. Backyard Discovery disclaims all other representations and warranties of any kind, express or implied.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states do not allow the limitation or exclusion of consequential damages and therefore this limitation may not apply to you.

Pro Rated Part Replacement Schedule

Product Age	Customer Pays
All Parts	
0-30 days from date of purchase	$0 and free shipping
31 days to 1 year	$0 + S&H
Wood Rot and Decay Only	
1 year	$0 and free shipping
2 years	20% + S&H
3 years	40% + S&H
4 years	60% + S&H
5 years	80% + S&H
Over 5 years	100% + S&H